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# GOVERNMENT-WIDE INDEX

*to Federal Research & Development Reports*

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*Government-Wide*

# INDEX TO FEDERAL RESEARCH AND DEVELOPMENT REPORTS

*UNCLASSIFIED REPORTS ANNOUNCED IN*

NUCLEAR SCIENCE ABSTRACTS (NSA)
Atomic Energy Commission

SCIENTIFIC & TECHNICAL AEROSPACE REPORTS (STAR)
National Aeronautics and Space Administration

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Defense Documentation Center

U.S. GOVERNMENT
RESEARCH & DEVELOPMENT REPORTS (USGRDR)
Clearinghouse for Federal Scientific and Technical Information

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The indexing records related to Government research and development reports of the four journals are merged under the five indexes of subject, personal author, corporate author, contract number, accession/report number. Detailed instructions for using each index are presented under "How To Use Indexes" following the foreword.

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U.S. DEPARTMENT OF COMMERCE
Alexander B. Trowbridge, Acting Secretary

CLEARINGHOUSE FOR FEDERAL SCIENTIFIC AND TECHNICAL INFORMATION
Bernard M. Fry, Director

Use of funds for this publication approved by the Director of the Bureau of the Budget, January 27, 1965

## FOREWORD

GOVERNMENT-WIDE INDEX TO FEDERAL RESEARCH & DEVELOPMENT REPORTS is produced by computer from machineable records generated by four Federal agencies which announce R&D reports. Machineable records from the Atomic Energy Commission, the National Aeronautics and Space Administration, the Defense Documentation Center and the Clearinghouse for Federal Scientific and Technical Information are merged to produce GWI. GWI Indexes all of the reports announced in its companion abstract journal, U. S. GOVERNMENT RESEARCH AND DEVELOPMENT REPORTS.

There are some format errors and inconsistencies in this index resulting from the machine merger of the data generated by several agencies. Efforts are being made to correct these inconsistencies. The agencies involved are working with a task group of the Committee on Scientific and Technical Information to develop improved interagency standards which will eliminate these problems.

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- Subject
- Personal Author
- Corporate Author
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- Accession/Report Number

Each index is arranged alphnumerically (that is, alphabetical data precedes numerical data). A typical entry is as follows:

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INSTRUMENT FOR ACOUSTIC AND VIBRATION MEASUREMENTS.(b)
AD–627 041(c) 20A(d) T 66 05(e) HC$ 3.00 MF$ 0.65(f)

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U—U. S. Government Research & Development Reports, Clearinghouse for Federal Scientific and Technical Information.

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N—Nuclear Science Abstracts, Atomic Energy Commission.

S—Scientific and Technical Aerospace Reports, National Aeronautics and Space Administration.

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Entries are arranged by the subject terms assigned by the contributing agency (this means "asterisked" descriptors for USGRDR entries, subject headings for STAR and NSA). The subject term appears at the beginning of each entry. The title of the report is indented below the subject term. For NSA entries, the "modifier" which is assigned by AEC is used in place of the title. The "accession number" line giving field/group, journal, and price information for the report follows the last line of the title. If two or more reports are indexed under the same subject term, they are listed in accession number sequence under the term (separated by a blank line). If two or more reports under a subject term have identical titles, the title is printed once and the different accession number lines are printed below the title.

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BETA SPECTRA. III. SPECTRA OF U235 FISSION PRODUCTS AT SELECTED TIMES AFTER FISSION,
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BETHE-HEITLER FORMULA
X-RAY SPECTRA PRODUCED WHEN THICK SILICON TARGETS ARE BOMBARDED WITH 1.05 AND 1.25 MILLION VOLTS ELECTRONS,
N67-13353 20M S05 04 HC$ 3.00 MF$ 0.65

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PB-173 498-1 5B U67 05 HC$ 3.00 MF$ 0.65

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ON THE PROBABILITY OF CAPTURE IN THE THREE BODY PROBLEM,
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AGE-HELIUM CONTENT CORRELATIONS FOR TWO LOW-MASS FIELD BINARY SYSTEMS,
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DESIGN OF NEURAL NETS WITH INTERMITTENT RESPONSE AND CERTAIN OTHER RELEVANT STUDIES,
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NEURAL MODELING,
AD-645 336 6D U67 05

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OSCILLATORY BEHAVIOR IN ENZYMATIC CONTROL PROCESSES,
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STATUS REPORT ON THE LIQUID-SOLID ROCKET,
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HALL EFFECT IN TIAI BI-25AT SN ALLOY QUENCHED FILMS BELOW 47K,
AD-644 948 20C U67 05

BISMUTH ALLOYS, SUPERCONDUCTIVITY
MANY MORE SUPERCONDUCTING BISMUTH PHASES,
AD-644 884 20C U67 05

BISMUTH TELLURIDE

DEFECTS IN THE COMPOUND B12 TE3 CAUSED BY IRRADIATION WITH PROTONS.
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EFFECT OF WATER ON BITUMEN-AGGREGATE MIXTURES.
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IN VESTIGATION ON THE BLADE DEFLECTION OF A HELICOPTER.
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BLOOD COMPONENTS - THEIR PREPARATION AND USE.
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PRESERVATION OF BLOOD BY FREEZING.
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ELDO FUTURE PROGRAM STUDY 4.1. ELDO C SATELLITE LAUNCHER VEHICLES.
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BOATING ACCESSORIES AND EQUIPMENT IN ITALY.
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AN EXPERIMENTAL STUDY OF THE EFFECTS OF BOUNDARY LAYER THICKNESS AND VELOCITY PROFILE ON THE PRESSURE DISTRIBUTIONS OF OBJECTS IMMERSED IN THE BOUNDARY LAYER.
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COMPLEX HYDRIDES.
AD-645 581 7C U67 05 HC$ 3.00 MF$ 0.65

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THE REDUCTION OF ESTERS WITH SODIUM BOROHYDRIDE.
AD-645 259 7C U67 05

BORON COMPOUNDS, CARBIDES
THE TITRIMETRIC DETERMINATION OF COPPER IN COPPER-BORON CARBIDE MIXTURES.
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AD-645 488 7D U67 05 HC$ 3.00 MF$ 0.65

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FACTORS ACTING ON THE BOUNDARY LAYER TRANSITION AT HYPERSONIC SPEED.
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ON THE INSTABILITY OF SHEAR FLOWS AND THEIR TRANSITION TO TURBULENCE.
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ON THE NOTION OF LIMIT OF A DISTRIBUTION TO THE INFINITE.
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UNIQUENESS THEOREM FOR THE REDUCED WAVE EQUATION UNDER AN NTH ORDER DIFFERENTIAL BOUNDARY CONDITION.
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AD-645 463 6P U67 05

BRAIN, LEARNING
THE EFFECT OF HYPOPHYSECTOMY ON AVOIDANCE BEHAVIOR AND ON MOLECULAR NEUROCHEMISTRY.
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EFFECTIVENESS OF NYLON DRAG STRAPS FOR BRAKING MONORAIL SLEDS.
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BREEDER REACTORS AND THE SPREAD OF PLUTONIUM.
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COMPUTER TECHNIQUES APPLIED TO THE ANALYSIS AND DESIGN OF TWO COLUMN BENT RIGID FRAME HIGHWAY BRIDGE PIERS AND OTHER BRIDGE DESIGN PROBLEMS.
PB-173 863 13B U67 05 HC$ 3.00 MF$ 0.65

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PB-173 726 13B U67 05 HC$ 3.00 MF$ 0.65

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TRAFFIC AND REVENUE AND THE ECONOMIC IMPACT OF THE PROPOSED

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BROMINATION OF 1-AMINO-4-FLUORONAPHTHALENE,
AD-645 228 7C U67 05

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BUOYANCY EFFECTS IN LINEARIZED, RELAXING FLOW.
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ELECTRON-PARAMAGNETIC-RESONANCE INVESTIGATION OF THE SUPERHYPERFINE STRUCTURE OF IRON-GROUP IMPURITIES IN II-VI COMPOUNDS,
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PARTICIPATION IN THE DEVELOPMENT OF CADMIUM SULPHIDE SOLAR CELLS ON A FLEXIBLE SUPPORT.
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A STUDY OF (ALPHA, D) REACTION ON 40 CA NUCLEI.
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A VARIATIONAL METHOD FOR UNIVALENT QUASICONFORMAL MAPPINGS,
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ON THE DYNAMIC PROGRAMMING TREATMENT OF DISCRETE-TIME VARIATIONAL PROBLEMS,
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VARIATIONAL FORMULATIONS OF THE COUPLED THEORY OF LINEAR THERMOELASTICITY.
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CALCULUS OF VARIATIONS, FUNCTIONAL ANALYSIS
ON THE BOUNDED SLOPE CONDITION,
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AD-645 223 20K U67 05

CALCULUS OF VARIATIONS, NUMERICAL METHODS AND PROCEDURES
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CAMERA SHUTTER
SOLID-STATE WIDE-RANGE LOW POWER CAMERA TIMER FOR SPACE APPLICATIONS.
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CAPTURE EFFECT
ON THE PROBABILITY OF CAPTURE IN THE THREE BODY PROBLEM.
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CARBIDES, COMPOSITE MATERIALS
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RESEARCH TO DETERMINE THE MECHANISMS CONTROLLING THE BRITTLE DUCTILE BEHAVIOR OF REFRACTORY CUBIC CARBIDES,
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ORGANIC DEPOLARIZED PRIMARY BATTERIES,
AD-276 363 10C U67 05 HC$ 3.00

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ELECTRONIC SPECTRA OF POLYATOMIC MOLECULES.
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N67-14179 6C S05 04 HC$ 3.00 MF$ 0.65

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CAPTURE COEFFICIENT OF 300K CO2 ON A 77K SURFACE AS MEASURED BY THE ROTATING GAGE TECHNIQUE,
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PROBLEMS IN AERIAL APPLICATION A COMPARISON OF THE ACUTE EFFECTS OF ENDRIN AND CARBON TETRACHLORIDE ON THE LIVERS OF RATS AND THE RESIDUAL EFFECTS ONE MONTH AFTER POISONING,
AD-645 494 6T U67 05 HC$ 3.00 MF$ 0.65

CARBON, CHEMICAL PROPERTIES
CHEMICAL PROPERTIES OF LABILE SPECIES.
AD-645 534 7B U67 05 HC$ 3.00 MF$ 0.65

CARBON, NUCLEAR ENERGY LEVELS
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A NEW SYNTHESIS OF UNSATURATED ACIDS. IV. FURTHER ASPECTS OF THE SCOPE AND MECHANISM OF THE CONVERSION MALOPYRAZOLONES TO ALPHA,BETA-ACETYLENIC AND OLEFINIC ACIDS.
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CARGO, TRANSPORTATION
INTERMODAL FREIGHT TRANSPORTATION COORDINATION PROBLEMS AND POTENTIAL,
PB-173 862 15E U67 05 HC$ 3.00 MF$ 0.65

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THE NITRIDING KINETICS OF ZIRCONIUM IN THE TEMPERATURE RANGE 750-1000C.
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ON THE SPECTRUM OF AN OPERATOR OCCURRING IN THE THEORY OF HYDRODYNAMIC STABILITY,
AD-645 415 20D U67 05

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A REPORT ON RESEARCH DIRECTED TOWARD THE DESIGN, DEVELOPMENT, CONSTRUCTION, AND TESTING OF AERODYNAMIC CAVITIES .
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FINAL SUMMARY FOR 1 JANUARY 1956-AUGUST 31, 1966,
AD-645 484 20D U67 05 HC$ 3.00 MF$ 0.65

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A TECHNIQUE FOR ARTIFICIAL CAVITATION AND DETONATION-WAVE SHAPING.
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ON THE SPIRAL PATTERNS IN DISK GALAXIES.
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CELESTIAL MECHANICS, NUMERICAL ANALYSIS
NATURAL FAMILIES OF PERIODIC ORBITS,
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ON THE BOUNDEDNESS OF SOLUTIONS OF A LINEARIZED RESTRICTED PROBLEM OF FOUR BODIES,
AD-645 370 22C U67 05

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CELL DIVISION, RADIATION EFFECTS
THE INFLUENCE OF SOME MEXITOLS AND SUGARS ON CO2 PRODUCTION BY STARVED AND X-IRRADIATED, STARVED YEAST CELLS,
AD-645 204 6R U67 05 HC$ 3.00 MF$ 0.65

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ELECTRON MICROSCOPIC STUDIES OF THE EPITHELIUM OF THE PROXIMAL TUBULE OF THE RAT KIDNEY. III. MICROBODIES, MULTIVESICULAR BODIES, AND THE GOLGI APPARATUS,
AD-645 309 6E U67 05

CELLS(BIOLOGY), BIONICS
OSCILLATORY BEHAVIOR IN ENZYMATIC CONTROL PROCESSES,
AD-645 292 6D U67 05

CEMENTS, ANALYSIS OF VARIANCE
EFFECT OF DIFFERENT CEMENTS ON THE EXPANSION OF 1- BY 1- BY 10-INCH MORTAR BARS CURED IN SEALED CONTAINERS AT 100F,
PB-173 757 11B U67 05 HC$ 3.00 MF$ 0.65

CENTRAL NERVOUS SYSTEM, BEHAVIOR
NEURAL MECHANISMS INVOLVED IN INSTINCTIVE BEHAVIOR,
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CERAMIC MATERIALS, REACTOR FUEL RODS
WASHOUT TESTING OF MIXED OXIDE CERAMIC CORE FUEL ELEMENTS,
BNWL-295 18J N21 02 HC$ 3.00 MF$ 0.65

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HIGH-ENERGY ELECTROMAGNETIC CONVERSION PROCESSES IN INTENSE MAGNETIC FIELDS,
AD-645 238 20J U67 05

CESIUM, ADSORPTION
THE DEVELOPMENT OF AN ADSORPTION CESIUM RESERVOIR,
NYO-3642-3 10B N21 02 HC$ 3.00 MF$ 0.65

CHALCOGENS, HYPERFINE STRUCTURE
ELECTRON-PARAMAGNETIC-RESONANCE INVESTIGATION OF THE SUPER-HYPERFINE STRUCTURE OF IRON-GROUP IMPURITIES IN II-VI COMPOUNDS,
AD-645 359 7D U67 05

CHARGED PARTICLE
EFFECT OF NEGATIVE IONS ON THE DIFFUSION OF CHARGED PARTICLES IN THE LOWER IONOSPHERE,
N67-14259 4A S05 04 HC$ 3.00 MF$ 0.65

CHARGED PARTICLES, SCATTERING
NEUTRON CROSS SECTIONS, VOLUME IIA, Z EQUALS 21 TO 40,
BNL-325 20M N21 02 HC$ 3.00 MF$ 0.65

CHECKOUT PROCEDURES, SPACECRAFT
THE APPLICATION OF ON-LINE GRAPHICAL TECHNIQUES FOR PROGRAMMING AND OPERATING A MOVING NETWORK MONITORING DISPLAY,
AD-645 483 9H U67 05 HC$ 3.00 MF$ 0.65

CHEMICAL COMPOUNDS, INFORMATION RETRIEVAL
A LINEARIZATION OF CHEMICAL GRAPHS,
PB-173 773 9B U67 05 HC$ 3.00 MF$ 0.65

CHEMICAL EQUILIBRIUM, COMPUTER PROGRAMS
ANALYSIS AND DESCRIPTION OF AN IBM 7090/94 PROGRAM TO COMPUTE EQUILIBRIUM CONDITIONS FOR GASEOUS CHEMISTRY SYSTEMS,
AD-644 898 7D U67 05 HC$ 3.00 MF$ 0.65

CHEMICAL INDICATORS, DISSOCIATION
CONSTANTES DES REACTIONS EN MILEU CYCLOHEXANE, DES LAURYAMINES AVEC L ACIDE TETRABROMOPHENOLPHTALEINE MAGENTA E (REACTION CONSTANTS, IN CYCLOHEXANE, OF LAURYAMINES WITH BROMOPHTALEIN MAGENTA E ACID),
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CHEMICAL INDICATORS, EXCHANGE REACTIONS
ELECTRON-EXCHANGE REACTION OF WURSTER S BLUE IN AQUEOUS SOLUTION,
AD-645 169 7D U67 05

CHEMICAL INDUSTRY, LIMESTONE
MARKET FEASIBILITY STUDY. CHEMICAL LINE FACILITIES CUMBERLAND AND RHEA COUNTIES, TENNESSEE,
PB-173 854 /A U67 05 HC$ 3.00 MF$ 0.65

CHEMICAL INDUSTRY, PENNSYLVANIA
FEASIBILITY STUDY OF CHEMICAL INDUSTRY IN SOUTHWESTERN PENNSYLVANIA. PHASE III. SYNTHETIC ABRASIVES.
PB-173 848 11K U67 05 HC$ 3.00 MF$ 0.65

FEASIBILITY STUDY OF CHEMICAL INDUSTRY IN SOUTHWESTERN PENNSYLVANIA. PHASE III. POLYVINYL CHLORIDE PLANT,
PB-173 849 11I U67 05 HC$ 3.00 MF$ 0.65

FEASIBILITY STUDY OF CHEMICAL INDUSTRY IN SOUTHWESTERN PENNSYLVANIA. PHASE III. CAUSTIC-CHLORINE.
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FEASIBILITY STUDY OF CHEMICAL INDUSTRY IN SOUTHWESTERN PENNSYLVANIA. PHASE III. PRIMARY ALUMINUM SMELTER.
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CHEMICAL KINETICS
THE KINETICS OF THERMAL DECOMPOSITION OF SILVER OXALATE.
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CHEMICAL PRECIPITATION, SURFACE-ACTIVE SUBSTANCES
PRECIPITATION PHENOMENA OF HEAVY METAL SOAPS IN AQUEOUS SOLUTIONS. I. CALCIUM OLEATE.
AD-645 229 /D U67 05

CHEMICAL REACTION
PLUTONIUM DETERMINATION BY ISOTOPIC DILUTION IN IRRADIATED FUELS, II. CHEMICAL TREATMENT.
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STUDIES ON THE RADIOACTIVE DATING OF THE LUNAR SURFACE FINAL REPORT,
N67-13662 3B S05 04 HC$ 3.00 MF$ 0.65

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EXPERIMENTAL STUDY OF CHEMICAL COUPLING,
AD-645 393 /D U67 05

CHEMICAL WARFARE AGENTS, SOLUTIONS
DEVELOPMENT OF DECONTAMINATING SOLUTION DS2.
AD-317 583 15B U67 05 HC$ 3.00 MF$ 0.65

CHEMISORPTION, GASES
ATOMIC PROCESSES AT SOLID SURFACES,
AD-645 400 /D U67 05

CHEMISORPTION, SINGLE CRYSTALS
CHEMISORPTION ON SINGLE CRYSTAL PLANES,
AD-645 392 /D U67 05

CHEMISTRY, REPORTS
CHEMISTRY DIVISION ANNUAL PROGRESS REPORT FOR PERIOD ENDING MAY 20, 1966.
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HISTOPATHOLOGY OF THE CHIMPANZEE EAR FINAL TECHNICAL REPORT, 1 MAR. 1964 - 31 DEC. 1965.
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INSTRUMENTAL INVESTIGATION OF SINGLE AND PAIRED MANDARIN TONEMES.
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TRANSFORMATIONS AND DISCOURSE ANALYSIS PROJECTS. 48. SYNTACTICAL PERMUTABILITY IN CHINESE,
PB-173 772 9G U67 05 HC$ 3.00 MF$ 0.65

CHLORINE, CHEMICAL INDUSTRY
FEASIBILITY STUDY OF CHEMICAL INDUSTRY IN SOUTHWESTERN PENNSYLVANIA. PHASE III. CAUSTIC-CHLORINE.
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DEVELOPMENT OF HIGH-TEMPERATURE CHROMIUM ALLOYS SEMIANNUAL REPORT,
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MEASUREMENTS OF THE THERMAL VARIATION OF THE X-RAY DEBYE TEMPERATURE OF PURE NICKEL AND CHROMIUM,
AD-645 311 20M U67 05

CHROMOSOMES, GENETICS
THE PROBLEM OF DEVELOPMENT, BROOKHAVEN LECTURE SERIES NO. 35,
BNL-976 6C N21 02 HC$ 3.00 MF$ 0.65

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IN VESTIGATION ON THE BLADE DEFLECTION OF A HELICOPTER,
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PROCEEDINGS OF THE INSTITUTE ON MODERN SOLID STATE CIRCUIT DESIGN.
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N67-14208 9E S05 04 HC$ 3.00 MF$ 0.65

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HIGH RELIABILITY DC AMPLIFIER FINAL REPORT.
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UNRESOLVED PARADOX IN CIRCUIT THEORY.
AD-644 877 9E U67 05

A NONRECIPROCITY FIGURE OF MERIT FOR PASSIVE RESISTIVE DEVICES.
AD-644 879 9A U67 05

CIRCULAR PLATE
BASIC ANALOG CIRCUITS FOR TWO-DIMENSIONAL DISTRIBUTED ELASTIC STRUCTURES.
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CIRCULATORY SYSTEM
THE EFFECTS OF GANGLIONIC AND ADRENERGIC BLOCKADE ON THE CIRCULATION OF THE YOUNG CHIMPANZEE FINAL TECHNICAL REPORT, 1 OCT. 1963 - 30 APR. 1965.
N67-13676 D6P S05 04 HC$ 3.00 MF$ 0.65

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DESIGN CRITERIA FOR EROSION PROTECTION AT THE OUTLET OF CULVERTS.
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AUTOMATIC CLASSIFICATION IN LINGUISTICS.
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MINERAL RESOURCES OF THE CENTRAL SAVANNAH RIVER AREA. VOLUME II.
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COLOR SIGNAL SOURCE FOR VISUAL SIMULATION.
AD-645 148 17B U67 05 HC$ 3.00 MF$ 0.65

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THE SCALES OF INTRA-CLOUD VARIATIONS IN METEOROLOGICAL PARAMETERS HURRICANE CLOUDS.
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A STUDY OF THE HYDROGENATION OF A WYOMING COAL.
PB-173 739 13B U67 05 HC$ 3.00 MF$ 0.65

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ADDITIONS TO FUSED-FLUORIDE LUBRICANT COATINGS FOR REDUCTION OF LOW-TEMPERATURE FRICTION.
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CODING, DATA TRANSMISSION SYSTEMS
A CODING SCHEME FOR ADDITIVE NOISE CHANNELS WITH FEEDBACK-- PART I NO BANDWIDTH CONSTRAINT.
AD-645 428 9D U67 05

COHERENT RADIATION, DIFFRACTION
DIFFRACTION BY APERTURES ILLUMINATED WITH PARTIALLY COHERENT LIGHT.
AD-645 472 20F U67 05

COHERENT SOURCE
INVESTIGATION OF COHERENT SOURCES OF INFRARED RADIATION SEMIANNUAL STATUS REPORT, 1 MAY - 31 OCT. 1966.
N67-13666 20F S05 04 HC$ 3.00 MF$ 0.65

COILS, SUPERCONDUCTIVITY
OPTIMUM CURRENT DISTRIBUTION IN SUPERCONDUCTING COILS.
AD-645 033 9A U67 05

COLEOPTERA, GLANDS
ODORous SECRETION OF NORMAL AND MUTANT TRIBOLIUM CONFUSUM.
AD-645 265 6C U67 05

COLLAGEN, ARTERIES
COLLAGEN AND ELASTIN CONTENT IN CANINE ARTERIES SELECTED FROM FUNCTIONALLY DIFFERENT VASCULAR BEDS.
AD-645 376 6E U67 05

COLLAGEN, BIOPHYSICS
EQUILIBRIUM MECHANOCHEMISTRY OF COLLAGEN FIBERS.
AD-645 042 6A U67 05

COLLECTOR
NASA PROTOTYPE FILM TRANSPORT SYSTEM FINAL PROJECT REPORT.
N67-13728 14E S05 04 HC$ 3.00 MF$ 0.65

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SPECIFYING THE CALIBRATION OF STATIC PRESSURE SYSTEMS FOR THE SAFE USE OF 1000 FT VERTICAL SEPARATION STANDARD IN NORTH ATLANTIC JET TRAFFIC.
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COLLISIONLESS PLASMA
MAGNITUDE OF NONLINEARITIES IN COLLISIONLESS MAGNETOPLASMA WAVES.
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COLOR CENTERS, ALUMINA
GAMMA-RAY INDUCED DEFECT BLEACHING IN PRESSURE DEFORMED SINGLE CRYSTAL ALPHA-AL2O3.
AD-645 583 20L U67 05

SOME MECHANICAL AND OPTICAL PROPERTIES OF GAMMA-IRRADIATED ALPHA-AL2O3 SPHERES SUBJECTED TO 30-KILOBARS PRESSURE.
AD-645 584 20L U67 05

COLOR CENTERS, MAGNESIUM OXIDES
MICROWAVE-SENSITIVE FARADAY ROTATION IN THE MAGNESIUM OXIDE F BAND.
AD-645 097 20L U67 05

COLOR TELEVISION, TELEVISION DISPLAY SYSTEMS
APPLICATION OF THE LAND COLOR-VISION EFFECT TO TELEVISION SYSTEMS (A FEASIBILITY STUDY).
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DEVELOPMENT OF SHADE STANDARDS FOR RIBBON COLORS.
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AN ANALYSIS OF INTERPRETER-COMPUTER REPORTING TECHNIQUES.
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WEAR AND SUPPLY OF THE SOVIET ARMED FORCES.
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METRI PILOT PROGRAM REPORT USS ELLISON (DD-864).
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ON THE CONSTRUCTION OF LATIN AND LATTICE SQUARES AND OTHER INCOMPLETE BLOCK DESIGNS.
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ON THE DEGREES OF INDEX SETS.
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STUDY OF COMBUSTORS FOR SUPERSONIC RAM-JET (UDS PROJECT).
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MULTIFUELED THERMAL-ENERGY-CONVERSION SYSTEMS.
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METALWORKING EQUIPMENT IN MEXICO.
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MACHINE TOOLS AND OTHER METALWORKING EQUIPMENT IN SPAIN.
PB-173 719 15I U67 05 HC$ 3.00 MF$ 0.65

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AUTOMOTIVE MAINTENANCE EQUIPMENT IN THAILAND.
PB-173 712 13F U67 05 HC$ 3.00 MF$ 0.65

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RESEARCH PROGRESS SEMIANNUAL STATUS REPORT, APR. 1 - SEP. 30, 1966.
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N67-13673 9D S05 04 HC$ 3.00 MF$ 0.65

COMPARATOR
THRESHOLD STUDY OF PHASE LOCK LOOP SYSTEMS INTERIM TECHNICAL REPORT.
N67-14240 9C S05 04 HC$ 3.00 MF$ 0.65

COMPARATORS, NON-DESTRUCTIVE TESTING
WIDE FREQUENCY RANGE EQUIVALENT CIRCUIT COMPARATOR.
PB-173 871 9E U67 05 HC$ 3.00 MF$ 0.65

COMPILERS, SET THEORY
DETECTION OF IMPLICIT COMPUTATIONAL PARALLELISM FROM INPUT-OUTPUT SETS.

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THEORETICAL STUDIES OF COMPLEXED TRANSITION METAL THERMOPHOTOTROPIC SYSTEMS.
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A STUDY OF BORON HALIDE-GROUP V HALIDE COMPLEXES.
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HALF-ORDER DIFFERENTIALS ON RIEMANN SURFACES.
AD-645 414 12A U67 05

COMPLEX VARIABLES, MAPPING(TRANSFORMATIONS)
EXISTENCE OF MAPPINGS INTO NONCOMPACT RIEMANN SURFACES.
AD-645 184 12A U67 05

COMPONENT RELIABILITY
RELIABILITY ANALYSIS AND PREDICTION MOOG MODEL 17-200 H MECHANICAL FEEDBACK SERVOACTUATOR GMSFC, NASA PART NO. 50 M39008, REV. B.
N67-13661 13G S05 04 HC$ 3.00 MF$ 0.65

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N67-13677 D9A S05 04 HC$ 3.00 MF$ 0.65

COMPOSITE MATERIAL
STUDY OF BONDING BETWEEN GLASS AND PLASTIC IN GLASS-REINFORCED PLASTICS, EXTENDED WORK.
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CARBIDE-GRAPHITE COMPOSITES.
LA-3589-MS 11G N21 02 HC$ 3.00 MF$ 0.65

COMPOSITE MATERIALS, MECHANICS
MECHANICS OF COMPOSITE MATERIALS. PART I. INTRODUCTION.
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COMPRESSIBLE FLOW
WEAK LOCALLY HOMOGENEOUS TURBULENCE AND HEAT TRANSFER WITH UNIFORM NORMAL STRAIN.
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LANGUAGE-MAKING LANGUAGES IN PREFIX FORM.
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COMPUTER LOGIC, MATHEMATICAL LOGIC
SOME STATE-ASSIGNMENT TECHNIQUES FOR LARGE SEQUENTIAL CIRCUITS.
AD-455 643 9B U67 05 HC$ 3.00

COMPUTER LOGIC, PROGRAMMING(COMPUTERS)
INTERACTIONS OF COMPUTER LANGUAGE AND MACHINE DESIGN.
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A DIGITAL INTERFACE FOR THE COMPUTER CONTROL OF A REMOTE MANIPULATOR.
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COMPUTER PROGRAM
DIGITAL CODES FOR DESIGN AND EVALUATION OF CONVECTIVELY COOLED ROCKET NOZZLE WITH APPLICATION TO NUCLEAR-TYPE ROCKET.
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TAG USER'S MANUAL.
N67-14252 9E S05 04 HC$ 3.00 MF$ 0.65

A GENERAL LEAST SQUARES FIT COMPUTER PROGRAM.
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COMPUTER PROGRAMMING
PROCEEDINGS OF THE INSTITUTE ON MODERN SOLID STATE CIRCUIT DESIGN.
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BACCHUS - A BURN-UP CODE FOR CONTINUOUS CHARGE-DISCHARGE FUEL CYCLES.
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DETECTION OF IMPLICIT COMPUTATIONAL PARALLELISM FROM INPUT-OUTPUT SETS.
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RATIONAL CHEBYSHEV APPROXIMATIONS FOR FERMI-DIRAC INTEGRALS OF ORDERS-1/2, 1/2, AND 3/2.
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THE APPLICATION OF ON-LINE GRAPHICAL TECHNIQUES FOR PROGRAMMING AND OPERATING A MOVING NETWORK MONITORING DISPLAY.
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ANALYSIS AND DESCRIPTION OF AN IBM 7090/94 PROGRAM TO COMPUTE EQUILIBRIUM CONDITIONS FOR GASEOUS CHEMISTRY SYSTEMS.
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REVISED ANTICOINCIDENCE-SHIELDED GAMMA-RAY SPECTROMETER DATA PROCESSING PROGRAM.
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JANVIER PROGRAMME DE RESOLUTION SUR IBM 7094 DES PROBLEMES DE CELLULES EN GEOMETRIE PLANE, SPHERIQUE ET CYLINDRIQUE DANS L APPROXIMATION DOUBLE PN.
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GENERAL INPUT SPECIFICATIONS FOR ANL REACTOR PROGRAMS.
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COMPUTER PROGRAMS, POSITION FINDING
COMPUTER PROGRAM FOR THE NRL SATELLITE POSITION DISPLAY.
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COMPUTER PROGRAMS, REACTOR COOLANTS
THE MODIFIED U-3 CODE A THERMAL-HYDRAULIC CODE FOR AXIAL FLOW WITH MIXING IN FUEL BUNDLES.
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DETERMINATION OF STATISTICAL PARAMETERS FOR HIGHWAY CONSTRUCTION.
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COMPUTER PROGRAMS, STRUCTURAL PROPERTIES
THE SECOND-ORDER ELASTIC ANALYSIS OF PLANE RIGID FRAMES.
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COMPUTER SIMULATION
A COMPUTER AIDED OPTIMIZATION TECHNIQUE FOR DIGITAL SYSTEMS TIMING.
N67-14255 9B S05 04 HC$ 3.00 MF$ 0.65

COMPUTER STORAGE DEVICES, DESIGN
A CUIPOINT CELLULAR ASSOCIATIVE MEMORY.
AD-644 985 9B U67 05

COMPUTERS, MANAGEMENT PLANNING
EXPLOITING THE USE IN LOGISTIC SUPPORT OF COMPUTER ASSISTED SIMULATIONS AND MODELS.
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COMPUTERS, PROBLEM SOLVING
EXPERIMENTS IN COMPUTER-AIDED INDUCTIVE REASONING.
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EXTENSION OF HUMAN CAPABILITY THROUGH INFORMATION PROCESSING AND DISPLAY SYSTEMS.
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EFFECT OF DIFFERENT CEMENTS ON THE EXPANSION OF 1- BY 1- BY 10-INCH MORTAR BARS CURED IN SEALED CONTAINERS AT 100F.
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CONCRETE, FREEZING
FREEZING OF FRESH CONCRETE.
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CONCRETE, NEUTRON REACTIONS
MONTE CARLO CALCULATIONS OF THE PENETRATION OF NORMALLY INCIDENT NEUTRON BEAMS THROUGH CONCRETE.
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CONCRETE, QUALITY CONTROL
QUALITY CONTROL ANALYSIS. PART III. CONCRETE AND CONCRETE AGGREGATES.
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CONCRETE, TEST METHODS
INVESTIGATION OF A VIBRATING SLOPE METHOD FOR MEASURING CONCRETE WORKABILITY.
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CONDITIONED REFLEX, AUDITORY SIGNALS
STIMULUS CHANGE PROPERTIES OF THE NT READY SIGNAL.
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THE EFFECT OF RNA INJECTIONS ON SHOCK AVOIDANCE CONDITIONING AND ON BRAIN CHEMISTRY.
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CONFERENCE
PROCEEDINGS OF THE INSTITUTE ON MODERN SOLID STATE CIRCUIT DESIGN.
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CONFORMAL MAPPING, CALCULUS OF VARIATIONS
A VARIATIONAL METHOD FOR UNIVALENT QUASICONFORMAL MAPPINGS.
AD-645 359 12A U67 05

CONFORMAL MAPPING, COMPLEX VARIABLES
HALF-ORDER DIFFERENTIALS ON RIEMANN SURFACES.
AD-645 414 12A U67 05

CONFORMAL MAPPING, PROGRAMMING(COMPUTERS)
FURTHER DEVELOPMENT OF CONFORMAL MAPPING TECHNIQUES.
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STUDY OF INSTABILITIES IN LINEAR HALL CURRENT ACCELERATORS.
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FREEZING OF FRESH CONCRETE,
PB-173 803 13C U67 05 HC$ 3.00 MF$ 0.65

CONSTRUCTION MATERIALS, ROADS
A LABORATORY INVESTIGATION OF THE STRUCTURAL DESIGN OF BITUMINOUS MIXTURES.
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A MANAGEMENT MODEL FOR SELECTING MAJOR SUBCONTRACTORS IN THE AEROSPACE INDUSTRY,
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OPTIMAL CONTROL OF A FLEXIBLE LAUNCH VEHICLE.
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DIGITAL SAMPLED-DATA FEEDBACK SYSTEMS FOR SHIPBOARD CONTROL APPLICATIONS.
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DIGITAL SAMPLED-DATA FEEDBACK SYSTEMS FOR SHIPBOARD APPLICATIONS.
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IDENTIFICATION AND CONTROL OF RANDOM-PARAMETER, DISCRETE SYSTEMS.
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A MAXIMUM PRINCIPLE OF THE PONTRYAGIN TYPE FOR SYSTEMS DESCRIBED BY NONLINEAR DIFFERENCE EQUATIONS.
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CONTROL, OPTIMIZATION
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AD-644 986 12B U67 05

SOLUTION OF VARIATIONAL PROBLEMS WITH BOUNDED CONTROL VARIABLES BY MEANS OF THE GENERALIZED NEWTON-RAPHSON METHOD,
AD-645 349 12B U67 05

CONVAIR CV-990 AIRCRAFT
AN AIRBORNE EXPERIMENT TO DETERMINE TEMPERATURE VARIATIONS THROUGHOUT THE SOLAR CORONA DURING THE ECLIPSE OF 12 NOVEMBER 1966.
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FREE CONVECTION OF A SODIUM-POTASSIUM EUTECTIC IN AN ENCLOSED SPACE BETWEEN TWO VERTICAL PLATES WITH UNIFORM HEAT FLUX,
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DIGITAL CODES FOR DESIGN AND EVALUATION OF CONVECTIVELY COOLED ROCKET NOZZLE WITH APPLICATION TO NUCLEAR-TYPE ROCKET,
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DEVELOPMENT OF THERMOELECTRIC HEATING AND VENTILATING SYSTEM,
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CORROSION OF METALS IN TROPICAL ENVIRONMENTS. PART 7, COPPER AND COPPER ALLOYS. SIXTEEN YEARS EXPOSURE,
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COPPER COMPOUNDS, DISCOLORATION
THEORETICAL STUDIES OF COMPLEXED TRANSITION METAL THERMOPHOTOTROPIC SYSTEMS,
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DECAY SCHEME AND GAMMA-GAMMA ANGULAR CORRELATIONS IN N160 FOLLOWING THE DECAY OF 23-MIN CU60.
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COPPER, VOLUMETRIC ANALYSIS
THE TITRIMETRIC DETERMINATION OF COPPER IN COPPER-BORON CARBIDE MIXTURES,
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ABERRANT CORNEAL EPITHELIAL CELLS PRODUCED BY RUBY LASER IRRADIATION,
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MECHANISM OF CORROSION OF METALS IN NARROW CRACKS AND CREVICES. IV. CORROSION OF ALUMINUM AND SOME OF ITS ALLOYS,
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METAL CORROSION IN DEEP-OCEAN ENVIRONMENTS.
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MEASUREMENT OF SEAWATER CORROSION OF SNAP CONTAINER ALLOYS USING RADIOACTIVE TRACER TECHNIQUES,
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CORROSION OF METALS IN TROPICAL ENVIRONMENTS. PART 7, COPPER AND COPPER ALLOYS. SIXTEEN YEARS EXPOSURE.
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ON THE POWERFUL X-RAY EMISSION OF RADIOGALAXIES.
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AD-644 922 4A U67 05

COSMIC RAYS, PROTONS
ELASTIC AND ELECTROMAGNETIC PROTON INTERACTIONS AT 3 TEV,
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THE NATURE OF THE QUASI-STELLAR OBJECTS.
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MILITARY SYSTEMS ANALYSIS,
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WASHINGTON AREA MOTOR VEHICLE ACCIDENT COST STUDY (WAMVACS).
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COMPARATIVE STUDY OF PICKER AND DRAW-FRAME BLENDS OF COTTON AND NYLON.
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STABILITY OF COUETTE FLOW OF DILUTE POLYMER SOLUTIONS.
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STUDIES OF THE APPARENT CRATER.
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CRATER MEASUREMENTS.
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CONTAMINATION EXPERIMENTALE DE MARGARITIANA MARGARITIFERA(L) (BIVALVE D EAU DOUCE) PAR LE CESIUM 137 (EXPERIMENTAL CONTAMINATION OF MARGARITANA MARGARITIFERA (L) (A FRESH WATER BIVALVE) BY CAESIUM 137).
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EXTRATERRESTRIAL RELIQUEFACTION OF CRYOGENIC PROPELLANTS FINAL REPORT, MAY 1964 - DEC. 1965.
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POWER LAWS NEAR THE CURIE POINT OF YTTRIUM IRON GARNET.
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COMPARATIVE STUDY OF FORCED CONVECTION BOILING HEAT TRANSFER CORRELATIONS FOR CRYOGENIC FLUIDS.
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PHENOMENA IN THE NEIGHBORHOOD OF CRITICAL POINTS.
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MEASUREMENT OF THE UPPER CRITICAL FIELD OF VANADIUM-GALLIUM ALLOYS.
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CRYOPUMPING, CARBON DIOXIDE
CAPTURE COEFFICIENT OF 300K CO2 ON A 77K SURFACE AS MEASURED BY THE ROTATING GAGE TECHNIQUE.
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CRYOPUMPING, HELIUM
HELIUM PUMPING BY 4.2K CRYODEPOSITS.
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SOME FACTORS AFFECTING THE GROWTH OF BETA SILICON CARBIDE.
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LUMINESCENT DEFECTS IN INORGANIC CRYSTALS.
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TOWARDS A QUANTUM MANY-BODY THEORY OF LATTICE DYNAMICS. I. TIME-DEPENDENT HARTREE APPROXIMATION.
AD-644 907 20B U67 05

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DEFECTS IN THE COMPOUND BI2 TE3 CAUSED BY IRRADIATION WITH PROTONS.
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CRYSTAL STRUCTURE, TABLES
ANGLES BETWEEN PLANES IN CUBIC CRYSTALS.
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THE PORTEVIN-LE CHATELIER EFFECT IN ALUMINIUM SINGLE CRYSTALS AND POLYCRYSTALS.
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CRYSTALS, DISLOCATIONS
DISLOCATION BARRIER INTERACTIONS IN CUBIC CRYSTALS, VOLUME II. EXTENDED DISLOCATION BARRIERS ON (112) PLANES IN ANISOTROPIC BODY-CENTERED CUBIC CRYSTALS (STUDY OF THE THEORY OF PHENOMENA).
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INORGANIC LASER MATERIALS.
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TAIWAN LOW STUDY.
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AD-645 309 6E U67 05

DATA ANALYSIS
ANALYSIS OF SATELLITE DATA FOR STUDIES RELATED TO IONOSPHERIC PLASMA RESEARCH SEMIANNUAL STATUS REPORT, APR. 1 - SEP. 30, 1966.
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COMPUTATION SCIENCE RESEARCH REVIEW.
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A CODING SCHEME FOR ADDITIVE NOISE CHANNELS WITH FEEDBACK-- PART I NO BANDWIDTH CONSTRAINT.
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WIDEBAND DIGITAL MODULATION AND DETECTION TECHNIQUES FOR TROPOSCATTER.
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DIGITAL PICTURE CODING.
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THE CALCULATION OF FLOW IN A PLANE LAVAL NOZZLE.

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DECAY SCHEMES, COPPER
DECAY SCHEME AND GAMMA-GAMMA ANGULAR CORRELATIONS IN NI60 FOLLOWING THE DECAY OF 23-MIN CU60.
AD-644 970 18H U67 05

DECAY SCHEMES, MATHEMATICAL MODELS
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AD-644 903 20J U67 05

DECAY SCHEMES, MESONS
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AD-645 049 20J U67 05

DECAY SCHEMES, PARITY
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AD-645 040 20J U67 05

PARITY-VIOLATING NONLEPTONIC DECAY AND THE CABIBBO CURRENT.
AD-645 174 20H U67 05

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A MANAGEMENT MODEL FOR SELECTING MAJOR SUBCONTRACTORS IN THE AEROSPACE INDUSTRY.
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AD-645 588 5J U67 05

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ASYMPTOTICALLY OPTIMAL STATISTICS IN SOME MODELS WITH INCREASING FAILURE RATE AVERAGES.
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DECODING, ERRORS
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DECONTAMINATION, G AGENTS
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DECONTAMINATION, PILOT PLANTS
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PB-173 701 18I U67 05 HC$ 3.00 MF$ 0.65

DEFLECTION
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N67-13458 1C S05 04 HC$ 3.00 MF$ 0.65

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AN ANALYSIS OF THE ELASTIC DEFORMATION OF CYLINDERS WITH CONSTRAINED ENDS UNDER AXIAL LOAD.
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DELTA WINGS, HYPERSONIC FLOW
HYPERSONIC FLOW OVER A DELTA WING OF MODERATE ASPECT RATIO.
AD-645 399 20D U67 05

DEOXYRIBONUCLEIC ACID (DNA)
MOLECULAR AND RADIATION GENETICS ANNUAL REPORT, 1965.
N67-13956 6C S05 04 HC$ 3.00 MF$ 0.65

DEPARTMENT OF DEFENSE, MANAGEMENT CONTROL SYSTEMS
SUPPLY SYSTEM MANAGEMENT IN THE WORKING CAPITAL FUND ENVIRONMENT.
AD-645 231 9A U67 05 HC$ 3.00 MF$ 0.65

DEPOSITION, PHOSPHINES
EVALUATION OF PHOSPHINE-OXYGEN DIFFUSION SYSTEM AS A PROCESS FOR SILICON INTEGRATED CIRCUIT FABRICATION.
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THE EFFECT OF FUDR ON SEGMENTATION AND INCORPORATION OF URACIL-H3 IN AMPHIBIAN EMBRYOS.
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DESTROYERS, COMBAT READINESS
METRI PILOT PROGRAM REPORT USS ELLISON (DD-864).
AD-645 146 15G U67 05 HC$ 3.00 MF$ 0.65

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ANALYSIS OF DEBRIS FROM APG-3, THE SIMULATED DESTRUCT SYSTEM TEST OF A FULL-SCALE ROVER/NERVA REACTOR.
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DETECTION, PERFORMANCE(HUMAN)
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INTERNAL FRACTURE CAUSED BY FOCUSING OF EXPLOSIVE WAVES.
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DETONATION WAVES, CAVITATION
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AD-645 358 /D U67 05

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FACTORS INFLUENCING BLOOD PH CHANGES DURING EXTRACORPOREAL DIALYSIS IN PATIENTS WITH CHRONIC RENAL FAILURE.
AD-645 303 8E U67 05

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EIGHTEEN-INCH DIAMETER EXPULSION DIAPHRAGMS.
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AD-645 264 /D U67 05

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AD-644 919 /C U67 05

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AD-645 342 12B U67 05

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HIGH RELIABILITY DC AMPLIFIER FINAL REPORT.
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REPORTS ON HYBRID-COMPUTER HARDWARE.
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HALF-ORDER DIFFERENTIALS ON RIEMANN SURFACES.
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DIFFERENTIAL EQUATIONS, FUNCTIONAL ANALYSIS
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AD-645 404 12A U67 05

STABILITY THEORY AND THE ASYMPTOTIC BEHAVIOR OF DYNAMICAL SYSTEMS.
AD-645 583 12B U67 05

DIFFERENTIAL EQUATIONS, NUMERICAL METHODS AND PROCEDURES
SOLUTION OF THE RICCATI EQUATION.
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DIFFERENTIAL EQUATIONS, THEOREMS
REMARKS ON THE INFINITE DIMENSIONAL RICCATI EQUATION.
AD-644 964 12B U67 05

DIFFERENTIAL GEOMETRY, CELESTIAL MECHANICS
STABILITY OF THE TRIANGULAR LAGRANGIAN POINTS.

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DIFFERENTIAL GEOMETRY, MAPPING(TRANSFORMATIONS)
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DISTRIBUTION OF RADICALS IN LAMINAR FLAMES,
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ESR OF FREE RADICALS TRAPPED IN INERT MATRICES AT LOW TEMPERATURE P, PH2, AND AS,
AD-645 349 /D U67 05

ESR OF FREE RADICALS TRAPPED IN INERT MATRICES AT LOW TEMPERATURE CH3, SIH3, GEH3, AND SNH3,
AD-645 350 /D U67 05

TRIPLET-STATE ELECTRON SPIN RESONANCE OF AN H-ATOM-METHYL-RADICAL COMPLEX IN A SOLID MATRIX.
AD-645 569 /D U67 05

FREE RADICALS, HALOGENATED HYDROCARBONS
CYCLIZATION REACTIONS OF PERFLUOROALKYL-SUBSTITUTED RADICALS,
AD-645 271 /C U67 05

FREE RADICALS, NUCLEIC ACID COMPONENTS
INTERACTION OF HYDROGEN ATOMS AND HYDROXYL RADICALS WITH 5-HALOGEN URACILS,
AD-645 568 /C U67 05

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RESEARCH AND DEVELOPMENT INVESTIGATION OF A PRECISION DIGITAL FREQUENCY SYNTHESIZER FOR SSB.
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ON THE BOUNDED SLOPE CONDITION,
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AD-645 404 12A U67 05

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AD-645 583 12B U67 05

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AD-645 414 12A U67 05

FUNCTIONS, TOPOLOGY
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AD-645 237 12A U67 05

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TEMPERATURE DEPENDENCE OF THE FUNDAMENTAL AND OVERTONE ABSORPTION BANDS OF PHOSPHORUS-DOPED GAAS.
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A FAMILY OF SELF-ORGANIZING SYSTEMS,
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GAS CHROMATOGRAPHIC DETERMINATION OF OZONE AND OTHER PRODUCTS FROM THE ELECTROLYSIS OF WET HYDROGEN FLUORIDE.
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GAS CHROMATOGRAPHY, S-HETEROCYCLIC COMPOUNDS
GAS CHROMATOGRAPHIC SEPARATION OF ISOMERIC BITHIENYLS, TERTHIENYL, AND CHLOROTHIOPHENES.
AD-645 595 7C U67 05

GAS DISCHARGES, HELIUM
HELIUM RECOMBINATION IN A RADIO-FREQUENCY DISCHARGE.
AD-645 245 20I U67 05

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THE CALCULATION OF FLOW IN A PLANE LAVAL NOZZLE.
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DYNAMICS OF A RADIATING GAS WITH APPLICATION TO FLOW OVER A WAVY WALL.
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IMPORTANCE OF CORRELATION EFFECTS IN THE IONIZATION OF HELIUM BY ELECTRON IMPACT.
AD-644 934 20M U67 05

EXCITATION AND GROWTH OF RADIAL PULSATIONS,
AD-645 335 3B U67 05

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THE IONIZATION OF HYDROGEN AND OF HYDROGENIC POSITIVE IONS BY ELECTRON IMPACT.
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AD-645 186 7D U67 05

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AD-645 344 7D U67 05

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STABLE GASEOUS ISOTOPE SEPARATION AND PURIFICATION JANUARY MARCH 1966,
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OBSERVATION OF THE SUPERCONDUCTING ENERGY GAP IN A SEMICONDUCTOR (GETE),
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GERMANIUM COMPOUNDS, ELECTRON SPIN RESONANCE
ESR OF FREE RADICALS TRAPPED IN INERT MATRICES AT LOW TEMPERATURE CH3, SIH3, GEH3, AND SNH4,
AD-645 390 7D U67 05

GERMANIUM, MAGNETO-OPTIC EFFECT
MAGNETOPIEZO-OPTICAL REFLECTION IN GERMANIUM.
AD-645 034 20L U67 05

GERMANIUM, SEMICONDUCTING FILMS
EPITAXY OF GERMANIUM FILMS ON GALLIUM ARSENIDE BY VACUUM EVAPORATION.
AD-644 955 20L U67 05

GERMANIUM, TUNNELING(ELECTRONICS)
PHOTON-ASSISTED MAGNETOTUNNELING IN PARALLEL AND CROSSED FIELDS,
AD-645 036 20L U67 05

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GEOPHYSICAL BULLETIN, NO. 13.
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ANALYTICAL STUDY OF NONMETALLIC PARTS FOR LAUNCH VEHICLES AND SPACECRAFT STRUCTURES QUARTERLY PROGRESS REPORT, JUL. 1 OCT. 1, 1966.
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DECREASED GLUTATHIONE CONTENT OF HUMAN ERYTHROCYTES PRODUCED BY METHYL PHENYLAZOFORMATE,
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GOLD, ELECTRODES
AGEING EFFECTS IN THIN ANODIC OXIDE FILMS ON AU IN HC104.
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AN EVALUATION OF THE ROLE OF FEDERAL PERSONNEL IN RECRUITING SHELTER MANAGERS.
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A STUDY OF A GRAVITY-GRADIENT-STABILIZED NIMBUS SPACECRAFT.
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GRAVITY, MEASUREMENT
DETAIL GRAVIMETER MEASUREMENTS OVER THE EUROPEAN CALIBRATION LINE IN 1963 (O.E.G.I. AND U.S.N.O.O.),
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GRAVITY, MOON
ESTIMATES OF THE ZONAL GRAVITY HARMONICS OF THE MOON,
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GRAVITY, STRUCTURAL GEOLOGY
ON THE DEPENDENCY OF THE VALUE OF BOUGUER ANOMALY ON THE THICKNESS OF THE EARTH S CRUST.
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GRAVITY, SUPERCONDUCTIVITY
SUPERCONDUCTORS AND GRAVITATIONAL DRAG.
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AUDIO-VISUAL EQUIPMENT IN THE UNITED KINGDOM.
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ORIENTATIONAL ORDER IN FCC SOLID ORTHO-H2. GREEN FUNCTION TREATMENT OF THE INTERNAL FIELD APPROXIMATION.
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THE EFFECT OF INTER-GROUP COMPETITION ON GROUP MEMBER ADJUSTMENT,
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THE STUDY OF GROUPS.
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LIMIT THEOREMS FOR MARKOV PROCESSES ON TOPOLOGICAL GROUPS,
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THE CULTIVATION OF HYDROGEN-FIXING BACTERIA.
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HUMAN FACTORS CONSIDERATIONS OF UNDERGROUNDS IN INSURGENCIES.
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FLIGHT TERMINATION RECEIVER CATALOG.
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EASTERN TEST RANGE REFERENCE ATMOSPHERE FOR ASCENSION ISLAND, SOUTH ATLANTIC, PART I.
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GUIDED MISSILES, ABSTRACTS
PROTECTIVE STRUCTURES AND COMPONENTS COMPILATION OF ABSTRACTS.
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ON THE SOLUTION OF THE HEAVY ASYMMETRIC GYROSCOPE, USING THE PROPERTIES OF THE LIE OPERATOR.
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STUDY OF INSTABILITIES IN LINEAR HALL CURRENT ACCELERATORS.
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CYCLIZATION REACTIONS OF PERFLUOROALKYL-SUBSTITUTED RADICALS.
AD-645 271 7C U67 05

HALOGENATED HYDROCARBONS, NAPHTHALENES
BROMINATION OF 1-AMINO-4-FLUORONAPHTHALENE.
AD-645 228 7C U67 05

HALOGENATED HYDROCARBONS, SYNTHESIS(CHEMISTRY)
THE SYNTHESIS OF SPECIAL FLUORINE-CONTAINING MONOMERS.
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HAMILTONIAN, WAVE FUNCTIONS
ON THE FEYNMAN INTEGRAL FOR CLASSICAL WAVES.
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MATERIALS DATA HANDBOOK, ALUMINUM ALLOY 7075.
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ESTIMATES OF THE ZONAL GRAVITY HARMONICS OF THE MOON,
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A NEW METHOD OF SOLVING HEAT-CONDUCTION PROBLEMS FOR BODIES OF REVOLUTION.
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DESIGN OF A NONLINEAR-REACTANCE SUBHARMONIC GENERATOR.
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POSTATTACK SANITATION, WASTE DISPOSAL, PEST AND VECTOR CONTROL AND THE EFFECTS OF FALLOUT IN WASTE WATER AND SEWER SYSTEMS.
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HEARING, REPTILES
ELECTRICAL OUTPUT OF LIZARD EAR RELATION TO HAIR-CELL POPULATION.
AD-645 125 6C U67 05

HEARING, THRESHOLDS(PHYSIOLOGY)
RELATION OF HIGH FREQUENCY THRESHOLDS TO AGE AND SEX,
AD-645 082 6P U67 05

HEAT OF COMBUSTION, METHANE
CALCULATION OF THE HEATING VALUE OF A SAMPLE OF HIGH PURITY METHANE FOR USE AS A REFERENCE MATERIAL,
NBS-TN-299 20M U67 05 HC$ 0.25 MF$ 0.65

HEAT TRANSFER
HEAT-TRANSFER MEASUREMENTS ON A FLAT PLATE WITH ATTACHED PROTUBERANCES IN A TURBULENT BOUNDARY LAYER AT MACH NUMBERS OF 2.49, 3.51, AND 4.44,
N67-13460 20M S05 04 HC$ 3.00 MF$ 0.65

A NEW METHOD OF SOLVING HEAT-CONDUCTION PROBLEMS FOR BODIES OF REVOLUTION.
N67-13799 20M S05 04 HC$ 3.00 MF$ 0.65

WEAK LOCALLY HOMOGENEOUS TURBULENCE AND HEAT TRANSFER WITH UNIFORM NORMAL STRAIN.
N67-14104 20D S05 04 HC$ 3.00 MF$ 0.65

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COMPARATIVE STUDY OF FORCED CONVECTION BOILING HEAT TRANSFER CORRELATIONS FOR CRYOGENIC FLUIDS,
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HEAT TRANSFER, LAMINAR BOUNDARY LAYER
PREDICTION OF WALL TEMPERATURES FOR INTERNAL LAMINAR HEAT TRANSFER.
AD-645 585 20M U67 05

HEAT TRANSFER, POWER REACTORS
HEAT TRANSFER FROM RADIOISOTOPIC HEAT SOURCES BURIED IN THE OCEAN FLOOR,
AD-645 558 18N U67 05 HC$ 3.00 MF$ 0.65

HEAT TRANSFER, SUBLIMATION
HEAT TRANSFER TO A SUBLIMING SOLID-VAPOR MIXTURE OF HYDROGEN BELOW ITS TRIPLE POINT.
PB-173 785 20M U67 05 HC$ 3.00 MF$ 0.65

HEATERS, EXPOSURE SUITS
DEVELOPMENT OF THERMOELECTRIC HEATING AND VENTILATING SYSTEM,
AD-644 917 6Q U67 05 HC$ 3.00 MF$ 0.65

HEATING, STANDARDS
CALCULATION OF THE HEATING VALUE OF A SAMPLE OF HIGH PURITY METHANE FOR USE AS A REFERENCE MATERIAL,
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HELICOPTERS, FORMATION FLIGHT
HELICOPTER CLOSE-ORDER FORMATION KEEPING SYSTEM.
COO-1471-7 18D N21 02 HC$ 3.00 MF$ 0.65

HELICOPTERS, INSTRUMENTATION
FINAL TECHNICAL REPORT, JANAIR CONTRACT 4429(00),
AD-645 492 1D U67 05 HC$ 3.00 MF$ 0.65

HELIUM
HELIUM MASS-SPECTROMETER LEAK DETECTION,
N67-14285 01A S05 04 HC$ 3.00 MF$ 0.65

HELIUM GROUP GASES, ATOMIC ENERGY LEVELS
METASTABLE 3P2 RARE-GAS POLARIZABILITIES.
AD-645 236 7D U67 05

HELIUM GROUP GASES, CHEMICAL REACTIONS
REACTION OF HD(+) WITH RARE GASES,
AD-645 358 7D U67 05

HELIUM GROUP GASES, PURIFICATION
STABLE GASEOUS ISOTOPE SEPARATION AND PURIFICATION JANUARY MARCH 1966,
MLM-1352 7E N21 02 HC$ 3.00 MF$ 0.65

HELIUM, ABUNDANCE
PRIMORDIAL HELIUM ABUNDANCE AND THE PRIMORDIAL FIREBALL. II.
AD-645 527 3B U67 05

HELIUM, ADSORPTION
HIGH PRESSURE ADSORPTION ISOTHERMS OF NEON, HYDROGEN AND HELIUM AT 76K,
PB-173 795 7A U67 05 HC$ 3.00 MF$ 0.65

HELIUM, CRYOPUMPING
HELIUM PUMPING BY 4.2K CRYODEPOSITS,
AD-645 511 20L U67 05 HC$ 3.00 MF$ 0.65

HELIUM, ELECTRON BOMBARDMENT
IMPORTANCE OF CORRELATION EFFECTS IN THE IONIZATION OF HELIUM BY ELECTRON IMPACT,
AD-644 934 20M U67 05

HELIUM, EXCITATION
PREDICTION OF THE TEMPERATURE-DEPENDENT STATIC FORM FACTOR IN HEI AND HE II.
AD-644 985 20J U67 05 HC$ 3.00 MF$ 0.65

HELIUM, LIQUEFIED GASES
INCREASED LIQUEFACTION RATE ON EARLY MODEL ADLCOLLINS HELIUM LIQUEFIER,
AD-644 910 7D U67 05

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AD-645 409 20D U67 05

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LIQUEFIED GASES, LIQUID LEVEL GAGES
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A SUPERCONDUCTING LIQUID-LEVEL SENSOR FOR SLUSH HYDROGEN USE.
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LIQUID METALS, HEAT TRANSFER COEFFICIENTS
FREE CONVECTION OF A SODIUM-POTASSIUM EUTECTIC IN AN ENCLOSED SPACE BETWEEN TWO VERTICAL PLATES WITH UNIFORM HEAT FLUX.
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EFFECT OF THE PRESSURE-TEMPERATURE HISTORY UPON INCIPIENT-BOILING SUPERHEATS IN LIQUID METALS.
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EXTRATERRESTRIAL RELIQUEFACTION OF CRYOGENIC PROPELLANTS FINAL REPORT, MAY 1964 - DEC. 1965.
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EXPERIMENTAL INVESTIGATION OF LIQUID- PROPELLANT REORIENTATION.
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THE LITHIUM AMALGAM-LITHIUM CHLORIDE AND THALLIUM AMALGAM-THALLOUS CHLORIDE ELECTRODES IN LITHIUM CHLORIDE-DIMETHYL SULFOXIDE SOLUTIONS.
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LITHIUM COMPOUNDS, ELECTROMAGNETIC PROPERTIES
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AD-645 505 20C U67 05

LITHIUM COMPOUNDS, OXIDATION-REDUCTION REACTIONS
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AD-645 574 /C U67 05

LITHIUM, NUCLEAR ENERGY LEVELS
ENERGY LEVELS OF LIGHT NUCLEI (VII). A=5-10.
AD-645 393 20H U67 05

LITHIUM, NUCLEAR REACTIONS
ETUDE DE QUELQUES SPECTRES CONTINUS PRODUITS PAR REACTIONS NUCLEAIRES AVEC DES NOYAUX LEGERS (STUDY OF SOME CONTINUOUS SPECTRA PRODUCED BY NUCLEAR REACTIONS WITH LIGHT NUCLEI).
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ANOMALOUS COMPOSITION OF FORMING IONS AND CERTAIN EVENTS IN THE LOWER IONOSPHERE.
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EFFECT OF NEGATIVE IONS ON THE DIFFUSION OF CHARGED PARTICLES IN THE LOWER IONOSPHERE.
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ELDO FUTURE PROGRAM STUDY 4.1, ELDO C SATELLITE LAUNCHER VEHICLES.
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LUBRICATION, ORDNANCE
LUBRICATION OF ORDNANCE EQUIPMENT.
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LUMINESCENCE SPECTRA OF ZINC OXIDE.
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LUMINESCENT DEFECTS IN INORGANIC CRYSTALS.
AD-645 308 20L U67 05

LUMINESCENCE, SEMICONDUCTORS
SELF-ACTIVATED ZNS AND ZNSE LUMINESCENCE AND ELECTRON SPIN RESONANCE.
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REVIEW OF LUNAR INFRARED OBSERVATIONS.
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LUNAR ENVIRONMENT, THEORY
LUNAR EXPLORATION AND SURVIVAL, AN EXAMINATION OF THE MAJOR THEORIES OF LUNAR SURFACE ORIGIN IN THE LIGHT OF RECENT PROBE DATA AS RELATED TO EXPLORATION AND SURVIVAL PROBLEMS IN THE POST-APOLLO PERIOD.
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RADAR PROPERTIES OF THE MOON.
N67-14256 3B S05 04 HC$ 3.00 MF$ 0.65

LUNGS, HISTOLOGY
SUBGROSS PULMONARY ANATOMY OF THE RABBIT, RAT, AND GUINEA PIG, WITH ADDITIONAL NOTES ON THE HUMAN LUNG.
AD-645 388 6C U67 05

LUNGS, TRANSPLANTATION
EARLIEST ATTEMPTS AT SURGICAL TREATMENT OF BRONCHIAL ASTHMA WITH THE METHOD OF PULMONARY AUTOGRAFTS.
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MACH NUMBER
HEAT-TRANSFER MEASUREMENTS ON A FLAT PLATE WITH ATTACHED PROTUBERANCES IN A TURBULENT BOUNDARY LAYER AT MACH NUMBERS OF 2.49, 3.51, AND 4.44.
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MACHINE TOOLS, COMMERCE
MACHINE TOOLS AND OTHER METALWORKING EQUIPMENT IN SPAIN.
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MACHINE TOOLS, COST EFFECTIVENESS
POST AUDITING MACHINE TOOL INVESTMENTS.
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MACHINE TRANSLATION, LANGUAGE
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MACHINE TRANSLATION, SCIENTIFIC RESEARCH
U. S. - JAPAN RESEARCH IN MACHINE TRANSLATION.
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ESSAYS ON AND IN MACHINE TRANSLATION.
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MAGNESIUM COMPOUNDS, ELECTRICAL CONDUCTANCE
ION ASSOCIATION IN POLYVALENT SYMMETRICAL ELECTROLYTES. V. THE CONDUCTANCE OF SOME ALKALINE EARTH M-BENZENEDISULFONATES IN WATER AT 25C.
AD-645 268 7D U67 05

MAGNESIUM OXIDE
DETERMINATION OF OXYGEN CONTENT OF REFRACTORY OXIDES BY THE SULPHUR MONOCHLORIDE METHOD.
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MAGNESIUM OXIDES, MAGNETO-OPTIC EFFECT
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AD-645 097 20L U67 05

MAGNETIC CONTROL
ATTITUDE PERTURBATIONS AND MAGNETIC CONTROL OF A SPIN-STABILIZED SATELLITE, PART II.
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FERRITES, MAGNETICS, M. F.
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HIGH-ENERGY ELECTROMAGNETIC CONVERSION PROCESSES IN INTENSE MAGNETIC FIELDS.
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MAGNETIC FIELDS, SOLAR SYSTEMS
SOLAR SOURCE OF THE INTERPLANETARY SECTOR STRUCTURE.
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1965 ACTIVITY REPORT OF THE RESEARCH GROUP FOR CONTROLLED FUSION.
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THEORETICAL DETERMINATION OF THE MAGNETIC SUSCEPTIBILITY OF LIGHT ATOMS.
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UPPER AND LOWER BOUNDS FOR CANONICAL ENSEMBLE AVERAGES.
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PHENOMENA IN THE NEIGHBORHOOD OF CRITICAL POINTS.
NBS-MISC. PUB-273 20M U67 05 HC$ 2.50 MF$ 0.65

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MAGNITUDE OF NONLINEARITIES IN COLLISIONLESS MAGNETOPLASMA WAVES.
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AN ANALYSIS OF CONFINED MAGNETOHYDRODYNAMIC VORTEX FLOWS.
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CHANNEL-WALL LIMITATIONS IN THE MHD INDUCTION GENERATOR.
ANL-7148 20I N21 02 HC$ 3.00 MF$ 0.65

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PROPAGATION OF PC 1 MICROPULSATIONS FROM HIGH TO LOW LATITUDES.
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MAGNETOHYDRODYNAMICS, SUPERSONIC FLOW
CHARACTERISTIC EQUATIONS FOR A SUPERSONIC FLOW PROBLEM WITH MAGNETOHYDRODYNAMIC EFFECTS.
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WAS THE MAGNETIC WAKE OBSERVED BY IMP-1 LUNAR OR TERRESTRIAL (QUES).
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MAGNETO-OPTICAL STUDY OF FERROMAGNETIC DOMAINS.
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MICROWAVE-SENSITIVE FARADAY ROTATION IN THE MAGNESIUM OXIDE F BAND.
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KU - BAND PULSED MAGNETRON.
AD-645 306 9A U67 05 HC$ 3.00 MF$ 0.65

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MAGNETS FOR FIELDS ABOVE 100 KG.
AD-645 035 9A U67 05

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MEETING ON THE DESIGN OF LARGE SUPERCONDUCTING BUBBLE CHAMBER MAGNETS.
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BASE MAINTENANCE ACTIVITY AND REPAIR CYCLE TIMES.
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SELF-REPAIR THEORY INVESTIGATION.
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MAINTENANCE, SYSTEMS ENGINEERING
SYSTEMS ANALYSIS PROCEDURES FOR ADP APPLICATION OF THE CORRECTIVE MAINTENANCE BURDEN PREDICTION PROCEDURES. VOLUME I. STUDY REPORT.
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MAMMALS, AUDITORY ACUITY
AUDITORY THRESHOLDS IN THE RACCOON (PROCYON LOTOR).
AD-645 134 6C U67 05

MAMMALS, AUSTRALIA
MAMMALS OF THE UPPER RICHMOND AND CLARENCE RIVERS, NEW SOUTH WALES.
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SUPPLY SYSTEM MANAGEMENT IN THE WORKING CAPITAL FUND ENVIRONMENT.
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STUDIES OF IN-SHELTER MANAGEMENT GUIDANCE MATERIALS.
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AD-645 343 5A U67 05 HC$ 3.00 MF$ 0.65

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POST AUDITING MACHINE TOOL INVESTMENTS.
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THE NEEL TEMPERATURE OF MNF2 IN THE TWO-SPIN CLUSTER-VARIATION LIMIT,
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FORBIDDEN HYPERFINE TRANSITIONS IN THE ELECTRON SPIN RESONANCE OF MN(2+) IN CAO AND SNO CRYSTALS.
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MANGANESE, RECOVERY
PRODUCTION OF HIGH GRADE MANGANESE PRODUCTS FROM CUYUNA R-N TAILING.
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SELECTED PAPERS ON ENVIRONMENTAL AND ATTITUDE CONTROL OF MANNED SPACECRAFT.
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METRI PERSONNEL READINESS MEASUREMENT,
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MANPOWER, PERSONNEL MANAGEMENT
MANPOWER ROTATION POLICY MODELS,
AD-644 900 5I U67 05 HC$ 3.00 MF$ 0.65

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HUMAN PILOT DYNAMICS WITH VARIOUS MANIPULATORS.
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AN ANALYSIS OF INTERPRETER-COMPUTER REPORTING TECHNIQUES,
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EXPERIMENTS IN COMPUTER-AIDED INDUCTIVE REASONING,
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EXTENSION OF HUMAN CAPABILITY THROUGH INFORMATION PROCESSING AND DISPLAY SYSTEMS,
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RADAR PROPERTIES OF THE MOON.
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EXISTENCE OF MAPPINGS INTO NONCOMPACT RIEMANN SURFACES,
AD-645 184 12A U67 05

MAPPING(TRANSFORMATIONS), DIFFERENTIAL GEOMETRY
GAUSSIAN MAPPING OF ARBITRARY MINIMAL SURFACES,
AD-645 196 12A U67 05

MAPPING(TRANSFORMATIONS), POLYNOMIALS
ON A MAPPING POLYNOMIAL FOR GALOIS FIELDS,
AD-644 887 12A U67 05

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THE BIOCOENETIC PROCESS IN AN ESTUARINE PHYTOPLANKTON COMMUNITY,
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WATER-JET FEASIBILITY STUDY A PROPULSION SYSTEM FOR BARGES, TUGS, AND OTHER PONTOON-BASED FLOATING STRUCTURES.
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RESEARCH ON FAILURE FREE SYSTEMS.
N67-14217 14D S05 04 HC$ 3.00 MF$ 0.65

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TESTING OF REFLECTIVE MARKERS FOR INDICATING THE THRESHOLD AND CENTERLINE OF RUNWAYS FOR SMALL AIRPORTS.
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EVALUATION OF RUNWAY CENTERLINE, HIGH-SPEED EXIT TAXIWAY AND RUNWAY-REMAINING LIGHTING SYSTEMS FOR CATEGORY III OPERATIONS.
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AN ANALYSIS OF RUNWAY VISUAL RANGE,
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HELIUM MASS-SPECTROMETER LEAK DETECTION.
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RESOLUTION OF MASS SPECTROMETER DATA,
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COMPUTATION OF ION TRAJECTORIES IN THE MONOPOLE MASS SPECTROMETER BY NUMERICAL INTEGRATION OF MATHIEU S EQUATION,
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MASS TRANSFER, SUBLIMATION
AN INVESTIGATION OF MASS TRANSFER BY SUBLIMATION FROM A SNOW SURFACE,
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RADIATION EFFECTS ON DIELECTRIC MATERIALS.
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MATERIALS SCIENCES PROGRAM.
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SOME STATE-ASSIGNMENT TECHNIQUES FOR LARGE SEQUENTIAL CIRCUITS.
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COMPONENT MODELING HANDBOOK,
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ON EFFICIENT ACCUMULATION PATHS IN THE CLOSED PRODUCTION MODEL,
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A SIMPLE RENEWAL MODEL OF THROUGHPUT AT AN OVERSATURATED SIGNALIZED INTERSECTION,
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SOME REMARKS ON EXPONENTIAL SMOOTHING,
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MATHEMATICAL COMPUTER PROGRAMS - COMPILATION,
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TWO ALGORITHMS FOR COMPUTING THE GENERALIZED INVERSE OF A MATRIX,
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A NOTE ON INVARIANT MEASURES,
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RECENT ADVANCES IN MECHANICAL IMPEDANCE INSTRUMENTATION AND APPLICATIONS.
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FACTORS INFLUENCING BLOOD PH CHANGES DURING EXTRACORPOREAL DIALYSIS IN PATIENTS WITH CHRONIC RENAL FAILURE,
AD-645 303 6E U67 05

MECHANICAL PROPERTY
THE SUBJECT OF CONSTRAINT EQUATIONS RELATING STRESSES AND STRAINS IN FIBER GLASS.
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N67-13879 11F S05 04 HC$ 3.00 MF$ 0.65

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THE GLOBAL METHOD - PRINCIPLE AND APPLICATION TO VIBRATION PROBLEMS.
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MECHANICS OF COMPOSITE MATERIALS. PART I. INTRODUCTION,
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HIGH-SPEED AUTOMATIC ANALYSIS OF BIOMEDICAL PICTURES,
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STUDIES IN IRREVERSIBLE THERMODYNAMICS. V, VI AND VII.
AD-645 584 7D U67 05

MEMBRANES, SEMIPERMEABILITY
THE ELECTRICAL PROPERTIES OF SEMIPERMEABLE MEMBRANES.
AD-645 161 7D U67 05 HC$ 3.00 MF$ 0.65

MEMORY, VERBAL BEHAVIOR
CODING ASSOCIATIONISTIC OR ORGANIZATIONAL,
AD-645 491 5J U67 05

MERCURY ALLOYS, ELECTRODES
THE LITHIUM AMALGAM-LITHIUM CHLORIDE AND THALLIUM AMALGAM-THALLOUS CHLORIDE ELECTRODES IN LITHIUM CHLORIDE-DIMETHYL SULFOXIDE SOLUTIONS.
AD-645 372 7D U67 05

MESON
ADDITIONAL STOPPING POWER AND RANGE TABLES FOR PHOTONS, MESONS, AND ELECTRONS,
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MESON CAPTURE, HYPERONS
ENERGY SPECTRUM OF CHARGED PIONS FROM K- CAPTURES IN CF3BR.
AD-644 890 20H U67 05

MESON CROSS SECTIONS, PIONS
HIGH-ENERGY LIMIT OF POSITIVE-PION NEGATIVE-PION TOTAL CROSS SECTION,
AD-645 041 20H U67 05

MESON REACTIONS, ANALYSIS
CREATION D UN ET PLUSIEURS MESONS PI DANS LES INTERACTIONS POSITIVE-PION-PROTON A 1, 6 GEV/C (SINGLE PION AND SEVERAL PION PRODUCTION IN POSITIVE-PION-PROTON INTERACTIONS AT 1.6 GEV/C).
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MESON REACTIONS, MASS SPECTRUM
THE MASS SPECTRA OF RECOIL NUCLEON STATES FROM INELASTIC NEUTRAL-RHO MESON PRODUCTION BY PIONS OF 12 AND 18 GEV/C.
AD-645 542 20H U67 05

MESON SCATTERING, S-MATRIX
PION SCATTERING LENGTHS.
AD-645 093 20J U67 05

MESONS, DECAY SCHEMES
PREDICTIONS OF THE STATIC QUARK MODEL ON BOSON DECAYS.
AD-645 048 20J U67 05

DIFFICULTIES OF THE STATIC QUARK MODEL IN THE CASE OF THE ETA-DECAYS.
AD-645 049 20J U67 05

MESONS, PARITY
ARE THE POSITIVE-PARITY MESONS IN THE 405 MULTIPLET.
AD-645 178 20J U67 05

MESONS, PHOTONUCLEAR REACTIONS
RHO MESON PHOTOPRODUCTION CROSS-SECTIONS IN THE STRONG ABSORPTION MODEL.
AD-644 969 20H U67 05

METAL BONDING
INTERMOLECULAR BONDING OF VARIOUS METALS AND ALLOYS BY THERMOCHEMICAL VAPOR DEPOSITION FINAL REPORT, 15 APR, 1965 - 31 OCT, 1966.
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METAL FILMS, MOLYBDENUM
GASEOUS PRECISION ETCHING OF MOLYBDENUM.
AD-645 201 13M U67 05 HC$ 3.00 MF$ 0.65

METAL FOIL
PARTICIPATION IN THE DEVELOPMENT OF CADMIUM SULPHIDE SOLAR CELLS ON A FLEXIBLE SUPPORT.
N67-14340 10B S05 04 HC$ 3.00 MF$ 0.65

METAL PLATES, WELDING
FATIGUE OF LARGE SCALE UNIFORMLY LOADED SIMPLY SUPPORTED TEE FILLET WELDED RECTANGULAR RIB-STIFFENED PLATES.
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METAL WORKING
INVESTIGATION OF THE PRESSURE DISTRIBUTION OF METAL ON THE ROLLS DURING THE ROLLING PROCESS.
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METALORGANIC COMPOUNDS, OXIDATION-REDUCTION REACTIONS
SELECTIVE REDUCTIONS. II. THE REACTION OF LITHIUM TRI-T-BUTOXYALUMINOHYDRIDE WITH SELECTED ORGANIC COMPOUNDS CONTAINING REPRESENTATIVE FUNCTIONAL GROUPS.
AD-645 313 7C U67 05

METALS, INDUSTRIAL EQUIPMENT
ELECTROPLATING AND METAL FINISHING EQUIPMENT IN THE UNITED KINGDOM.
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METALS, SURFACE PROPERTIES
REPORT OF NRL PROGRESS.
PB-173 834 14B U67 05 HC$ 3.00 MF$ 0.65

METAL-FORMING PRESSES, COMMERCE
METALWORKING EQUIPMENT IN MEXICO.
PB-173 714 13I U67 05 HC$ 3.00 MF$ 0.65

METEORITE
ON CHEMICAL FRACTIONATION IN THE SILICATE PHASE OF METEORITES.
N67-13797 8D S05 04 HC$ 3.00 MF$ 0.65

METEOROLOGICAL BALLOONS, WEATHER FORECASTING
METEOROLOGICAL ASPECTS OF CONSTANT-LEVEL BALLOON OPERATIONS IN THE SOUTHWESTERN UNITED STATES.
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THE SCALES OF INTRA-CLOUD VARIATIONS IN METEOROLOGICAL PARAMETERS HURRICANE CLOUDS.
PB-173 827 4B U67 05 HC$ 3.00 MF$ 0.65

METEOROLOGICAL PARAMETERS, GUIDED MISSILE RANGES
EASTERN TEST RANGE REFERENCE ATMOSPHERE FOR ASCENSION ISLAND, SOUTH ATLANTIC, PART I.
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METEOROLOGICAL ROCKET NETWORK FIRINGS. FALL 1959 AND WINTER 1960 FIRINGS.
AD-451 622 4B U67 05 HC$ 3.00

METEOROLOGICAL PARAMETERS, UPPER ATMOSPHERE
METEOROLOGICAL ROCKET NETWORK FIRINGS. INTERNATIONAL ROCKET INTERVAL SEPTEMBER 1960 FIRINGS.
AD-448 608 4B U67 05 HC$ 3.00

METEOROLOGICAL PHENOMENA, JAPAN
THE PROBLEMS OF FOG AND STRATUS FORECASTING AT MISAWA AB, JAPAN.
AD-645 088 4B U67 05 HC$ 3.00 MF$ 0.65

METEOROLOGICAL PHENOMENA, MEASUREMENT
METEOROLOGICAL ASPECTS OF CONSTANT-LEVEL BALLOON OPERATIONS IN THE SOUTHWESTERN UNITED STATES.
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METEOROLOGICAL PHENOMENA, METEOROLOGICAL SATELLITES
TIROS CLOUD PATTERN MORPHOLOGY OF SOME MID-LATITUDE WEATHER SYSTEMS.
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METEOROLOGICAL PHENOMENA, SOUNDING ROCKETS
METEOROLOGICAL ROCKET NETWORK FIRINGS. SUMMER 1960 FIRINGS.
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METEOROLOGICAL ROCKET NETWORK FIRINGS. SPRING 1960 FIRINGS.
AD-449 618 4B U67 05 HC$ 3.00

METEOROLOGICAL PHENOMENA, SOUTH KOREA
FORECASTING LOW LEVEL TURBULENCE FOR LIGHT AIRCRAFT.
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METEOROLOGICAL PHENOMENA, TAIWAN
TAIWAN LOW STUDY.
AD-645 087 4B U67 05 HC$ 3.00 MF$ 0.65

METEOROLOGICAL PHENOMENA, THAILAND
A PRELIMINARY ESTIMATE OF EXTREME WIND SPEEDS IN THAILAND.
AD-645 089 4B U67 05 HC$ 3.00 MF$ 0.65

OBJECTIVE METHOD TO FORECAST LOW MORNING VISIBILITIES AT UBON, THAILAND-(JAN-MAR).
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METEOROLOGICAL RADAR, RAINFALL
INVESTIGATION OF THE QUANTITATIVE DETERMINATION OF POINT AND AREAL PRECIPITATION BY RADAR ECHO MEASUREMENTS.
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METEOROLOGICAL SATELLITES, METEOROLOGICAL PHENOMENA
TIROS CLOUD PATTERN MORPHOLOGY OF SOME MID-LATITUDE WEATHER SYSTEMS.
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METEOROLOGY
GEOPHYSICAL BULLETIN, NO. 13.
N67-14221 08C S05 04 HC$ 3.00 MF$ 0.65

METEOROLOGY, AIRPORTS
TERMINAL FORECAST REFERENCE FILE.
AD-645 300 4B U67 05 HC$ 3.00 MF$ 0.65

AD-645 598 4B U67 05 HC$ 3.00 MF$ 0.65

METEOROLOGY, REPORTS
TECHNIQUE DEVELOPMENT REPORTS - 1966.
AD-645 118 4B U67 05 HC$ 3.00 MF$ 0.65

METHANE, FREE RADICALS
TRIPLET-STATE ELECTRON SPIN RESONANCE OF AN H-ATOM-METHYL-RADICAL COMPLEX IN A SOLID MATRIX.
AD-645 569 7D U67 05

METHANE, HEAT OF COMBUSTION
CALCULATION OF THE HEATING VALUE OF A SAMPLE OF HIGH PURITY METHANE FOR USE AS A REFERENCE MATERIAL.
NBS-TN-299 20M U67 05 HC$ 0.25 MF$ 0.65

METHANE, PHASE STUDIES
SOLID-VAPOR EQUILIBRIUM IN THE SYSTEM HELIUM-METHANE.
PB-173 783 20M U67 05 HC$ 3.00 MF$ 0.65

MICE, EAR
THE DEGENERATIVE PROCESSES IN THE EAR OF THE SHAKEN MOUSE.
AD-645 136 6C U67 05

MICROANALYSIS, SPECTROSCOPY
USE OF AN ARGON-HYDROGEN-ENTRAINED AIR FLAME WITH A TOTAL-CONSUMPTION ASPIRATOR-BURNER AND A SIMPLE INSTRUMENTAL SYSTEM IN FLAME EMISSION SPECTROMETRY FOR TRACE METAL DETERMINATION.
AD-645 175 7D U67 05

MICROANALYSIS, X RAYS
DETERMINATION EXPERIMENTALE DU FACTEUR DE RETRO-DIFFUSION MICROANALYSE PAR EMISSION X (EXPERIMENTAL DETERMINATION OF THE BACK SCATTERING FACTOR IN X-RAY MICROANALYSIS).
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MICROGRAPHY
IMPROVEMENT OF A MICROTENSILE MACHINE.
N67-14112 13I S05 04 HC$ 3.00 MF$ 0.65

MICROWAVE APPARATUS
THEORETICAL AND EXPERIMENTAL INVESTIGATIONS OF COLLECTIVE MICROWAVE PHENOMENA IN SOLIDS SEMIANNUAL STATUS REPORT, 1 APR. - 30 SEP. 1966.
N67-13665 20L S05 04 HC$ 3.00 MF$ 0.65

MICROWAVES, SCIENTIFIC RESEARCH
MICROWAVE RESEARCH.
AD-645 239 20E U67 05 HC$ 3.00 MF$ 0.65

MILITARY INTELLIGENCE, IMAGES
AN ANALYSIS OF INTERPRETER-COMPUTER REPORTING TECHNIQUES.
AD-645 293 15C U67 05 HC$ 3.00 MF$ 0.65

MILLIMETER WAVE
RECEIVER TECHNIQUES AND DETECTORS FOR USE AT MILLIMETER AND SUBMILLIMETER WAVE LENGTHS.

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MINERAL
MEASUREMENT OF LUMINESCENCE BY THE FRAUNHOFER LINE DEPTH METHOD.
N67-13700 D8B S05 04 HC$ 3.00 MF$ 0.65

MINERALS, ROCK(GEOLOGY)
MINERAL RESOURCES OF THE CENTRAL SAVANNAH RIVER AREA, VOLUME I.
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MINING ENGINEERING, GEORGIA
MINERAL RESOURCES OF THE CENTRAL SAVANNAH RIVER AREA, VOLUME I.
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MITES, PASTEURELLA PESTIS
A CASE OF ISOLATION OF THE PLAGUE AGENT FROM THE MITES LABLAPS ALGERICUS MIRST, (PARASITIFORMES, GAMASIDES).
AD-645 014 6C U67 05 HC$ 3.00 MF$ 0.65

MITOSIS, INHIBITION
THE EFFECT OF FUDR ON SEGMENTATION AND INCORPORATION OF URACIL-H3 IN AMPHIBIAN EMBRYOS.
AD-645 104 6C U67 05 HC$ 3.00 MF$ 0.65

MODULATION, MONOPULSE RADAR
CROSS MODULATION IN THE SCAMP SIGNAL PROCESSOR.
AD-645 053 17I U67 05 HC$ 3.00 MF$ 0.65

MODULUS OF ELASTICITY, CALCULUS OF VARIATIONS
USE OF CLASSICAL VARIATIONAL PRINCIPLES TO DETERMINE BOUNDS FOR THE EFFECTIVE BULK MODULUS IN HETEROGENEOUS MEDIA.
AD-645 223 20K U67 05

MOLECULAR BONDING
INTERMOLECULAR BONDING OF VARIOUS METALS AND ALLOYS BY THERMOCHEMICAL VAPOR DEPOSITION FINAL REPORT, 15 APR, 1965 - 31 OCT, 1966.
N67-13671 11F S05 04 HC$ 3.00 MF$ 0.65

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INTERNAL EXCITATION IN MOLECULAR COLLISIONS.
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PHOTOSENSITIVITY(BIOLOGICAL), VIRUSES
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AD-645 246 7D U67 05

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AD-645 247 7D U67 05

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A NEW APPROACH TO SAMPLING FROM FINITE POPULATIONS. II. DISTRIBUTION-FREE SUFFICIENCY.
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POWDER METALLURGY, MANUFACTURING METHODS
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CALCULATED MAXIMUM TEMPERATURES OF SPENT YANKEE ATOMIC TYPE POWER REACTOR FUEL DURING SHEAR-LEACH PROCESSING,
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ANALYSIS OF DEBRIS FROM APG-3, THE SIMULATED DESTRUCT SYSTEM TEST OF A FULL-SCALE ROVER/NERVA REACTOR,
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HIGH-CAPACITY MAGNESIUM BATTERIES,
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BEAMS, PLATES AND SHELLS ON ELASTIC FOUNDATIONS.
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INTERACTION OF PROGESTERONE AND ALDOSTERONE WITH RED BLOOD CELLS OF THE RAT.
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COMPUTER PROGRAM FOR THE KINETIC TREATMENT OF RADIATION-INDUCED SIMULTANEOUS CHEMICAL REACTIONS.
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PROGRAMMING(COMPUTERS), NUCLEAR SPECTROSCOPY
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SATURATED HYDROCARBON POLYMERIC BINDER FOR ADVANCED SOLID PROPELLANT AND HYBRID SOLID GRAIN QUARTERLY REPORT, 1 AUG. - 31 OCT. 1966.
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EXTRATERRESTRIAL RELIQUEFACTION OF CRYOGENIC PROPELLANTS FINAL REPORT, MAY 1964 - DEC. 1965.
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PROPELLANT TANK
EXPERIMENTAL INVESTIGATION OF LIQUID- PROPELLANT REORIENTATION.
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PROPELLANTS, QUANTITATIVE ANALYSIS
CONDUCTOMETRIC DETERMINATION OF GRAPHITE IN PROPELLANTS BY USE OF LECO CONDUCTOMETRIC CARBON DETERMINATOR.
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QUARTERLY PROGRESS REPORT, OCTOBER-NOVEMBER-DECEMBER, 1966.
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STUDY OF EXTRAVEHICULAR PROTECTION AND OPERATIONS.
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PROTEIN
INVESTIGATION OF THE ENZYMATIC SYNTHESIS OF POLYADENINE IN COACERVATES.
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AMINO ACID INCORPORATION BY FRACTIONS OF LIVER CELLS FROM NORMAL AND ADRENALECTOMIZED RATS.
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ADDITIONAL STOPPING POWER AND RANGE TABLES FOR PROTONS, MESONS, AND ELECTRONS.
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AD-645 389 20G U67 05

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PROTON-3 SPATIAL SUPER-LAB.
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PROTON IRRADIATION
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PROTON REACTIONS, COSMIC RAYS
ELASTIC AND ELECTROMAGNETIC PROTON INTERACTIONS AT 3 TEV.
AD-645 385 20M U67 05

PROTON SCATTERING, INFRARED PHENOMENA
INFRARED APPROACH TO LARGE-ANGLE SCATTERING AT VERY HIGH ENERGIES.
AD-645 426 20M U67 05

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HEAT-TRANSFER MEASUREMENTS ON A FLAT PLATE WITH ATTACHED PROTUBERANCES IN A TURBULENT BOUNDARY LAYER AT MACH NUMBERS OF 2.49, 3.51, AND 4.44.
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GENERATOR OF IGNITION PULSES.
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INTERACTION OF HYDROGEN ATOMS AND HYDROXYL RADICALS WITH 5-HALOGEN URACILS.
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PYRIMIDINES, SYNTHESIS(CHEMISTRY)
THE SYNTHESIS OF PYRROLO(1,2-C)PYRIMIDINE (6-AZAPYRROCOLINE).
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PYRROLES, SYNTHESIS(CHEMISTRY)
THE SYNTHESIS OF PYRROLO(1,2-C)PYRIMIDINE (6-AZAPYRROCOLINE).
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CHARGE-STEP CHRONOCOULOMETRY.
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A SCHRODINGER EQUATION EXHIBITING BOTH ROTATIONAL INVARIANCE AND BROKEN SU(3) SYMMETRY,
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LES COMPTAGES BETA DE FAIBLES ENERGIES EFFECTUES AU L. M. N. GRENOBLE (LOW ENERGY BETA COUNTS AT THE RADIOACTIVITY MEASUREMENT LABORATORY OF GRENOBLE),
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PYROMETRIC MEASUREMENTS OF SI, GE, AND GAAS WAFERS BETWEEN 100 AND 700C,
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RADIOISOTOPE APPLICATIONS IN HYDROSPACE. VOLUME I, RISE CONCEPTUAL DESIGN.
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QUARTERLY RADIO NOISE DATA, JUNE, JULY, AUGUST 1965.
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ETUDE DES POSSIBILITIES D UTILISATION DES RESULTATS DE LA RADIOACTIVITE POUR LA RECHERCHE DES TRAJECTOIRES D EVOLUTION DE LA CONTAMINATION DES VECTEURS ALIMENTAIRES (POSSIBILITY OF USING RADIOACTIVITY CONTROL MEASUREMENTS FOR DETERMINING CONTAMINATION PATHS IN NUTRITIONAL VECTORS).
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COCHLEAR POTENTIALS IN THE ALBINO RAT.
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DISPERSIVE CHARACTERISTICS OF THE FIRST THREE RAYLEIGH MODES FOR A SINGLE SURFACE LAYER.
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REACTION KINETICS, TEST METHODS
NOTE ON REFLECTED SHOCK CONDITIONS IN A SINGLE-PULSE TUBE.
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REACTION KINETICS, THERMOCHEMISTRY
EXPERIMENTAL STUDY OF CHEMICAL COUPLING.
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MESURE DE LA TEMPERATURE A COEUR EN PILE D UN GROUPE DE 4 CRAYONS (GAINE ACIER INOXYDABLE, NUANCE 347 - EPAISSEUR 0,4 MM COMBUSTIBLE UO2 - DIAMETRE 11 MM). DETERMINATION DE L INTEGRALE DE CONDUCTIBILITE THERMIQUE APPARENTE DE L UO2 EN PILE.
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DECONTAMINATION DES INSTALLATIONS DE L ATELIER PILOTE DE TRAITEMENT DES COMBUSTIBLES IRRADIES (DECONTAMINATION OF INSTALLATIONS IN THE IRRADIATED FUEL PROCESSING PILOT-PLANT).
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ALPHA AUTORADIOGRAPHY OF IRRADIATED MATERIALS.
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CHEMICAL TECHNOLOGY DIVISION, UNIT OPERATIONS SECTION QUARTERLY PROGRESS REPORT, JANUARY-MARCH 1966.
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MEASUREMENT OF SEAWATER CORROSION OF SNAP CONTAINER ALLOYS USING RADIOACTIVE TRACER TECHNIQUES.
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A BRIEF DESCRIPTION OF THE AFRRI-TRIGA MARK F REACTOR METHODS FOR CONTROLLING DISCHARGES, ENVIRONMENTAL SURVEILLANCE AND EMERGENCY PLANS.
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MERCURY RANKINE PROGRAM INTEGRATED SYSTEM TEST (PSM-3), VOLUME II. DATA CORRELATION,
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DEVELOPMENT OF A PIEZOELECTRIC DYNAMIC EMBOSSER FOR USE AS A READING MACHINE.
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SPONTANEOUS AND SUGGESTED POSTHYPNOTIC SOURCE AMNESIA.
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RECEIVER TECHNIQUES AND DETECTORS FOR USE AT MILLIMETER AND SUBMILLIMETER WAVE LENGTHS,
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ANOMALOUS COMPOSITION OF FORMING IONS AND CERTAIN EVENTS IN THE LOWER IONOSPHERE.
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NASA PROTOTYPE FILM TRANSPORT SYSTEM FINAL PROJECT REPORT.
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TOURIST DEVELOPMENTS AT LAKE HAVASU CITY, ARIZONA.
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SELECTIVE REDUCTIONS. X. REACTION OF ALUMINUM HYDRIDE WITH SELECTED ORGANIC COMPOUNDS CONTAINING REPRESENTATIVE FUNCTIONAL GROUPS. COMPARISON OF THE REDUCING CHARACTERISTICS OF LITHIUM ALUMINUM HYDRIDE AND ITS DERIVATIVES.
AD-645 574 7C U67 05

REDUCTION(CHEMISTRY), REACTION KINETICS
SELECTIVE REDUCTIONS. II. THE REACTION OF LITHIUM TRI-T-BUTOXYALUMINOHYDRIDE WITH SELECTED ORGANIC COMPOUNDS CONTAINING REPRESENTATIVE FUNCTIONAL GROUPS,
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REDUNDANT SYSTEM
RESEARCH ON FAILURE FREE SYSTEMS.
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A METHOD FOR DETERMINING OPTIMUM RE-ENTRY TRAJECTORIES.
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SPACECRAFT UTILIZING THE LIFTING AND BALLISTIC REENTRY TECHNIQUES. PART II. REVIEW OF THEORETICAL STUDIES IN LIFTING AND BALLISTIC REENTRY,
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THE MICROSTRAIN REGION IN HIGH PURITY REFRACTORY METALS.
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A COLD-MODERATOR REFRIGERATOR INCORPORATING A HIGH-SPEED TURBINE EXPANDER,
PB-173 781 18I U67 05 HC$ 3.00 MF$ 0.65

REGGE POLES, KINEMATICS
REGGE POLES IN UNEQUAL-MASS SCATTERING PROCESSES.
AD-645 094 20J U67 05

REINFORCED MATERIAL
THE SUBJECT OF CONSTRAINT EQUATIONS RELATING STRESSES AND STRAINS IN FIBER GLASS.
N67-13784 20K S05 04 HC$ 3.00 MF$ 0.65

REINFORCED PLASTIC
ANALYTICAL STUDY OF NONMETALLIC PARTS FOR LAUNCH VEHICLES AND SPACECRAFT STRUCTURES QUARTERLY PROGRESS REPORT, JUL. 1 OCT. 1, 1966.
N67-13575 11I S05 04 HC$ 3.00 MF$ 0.65

STUDY OF BONDING BETWEEN GLASS AND PLASTIC IN GLASS-REINFORCED PLASTICS, EXTENDED WORK.
N67-14207 11I S05 04 HC$ 3.00 MF$ 0.65

REINFORCED PLASTICS, NON-DESTRUCTIVE TESTING
NONDESTRUCTIVE INSPECTION OF REINFORCED PLASTIC STRUCTURES BY THE NUCLEAR QUANDRUPOLE RESONANCE METHOD.
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RELAYS, CALIBRATION
RELAY TEST SET AN/USM-84.
PB-173 802 9A U67 05 HC$ 3.00 MF$ 0.65

RELIABILITY
ONCE MORE ABOUT THE POSSIBILITY OF DETERMINING THE LOCAL ELECTRON CONCENTRATION BY THE DISPERSION METHOD WITH THE HELP OF AES AND ON NEW IONIZATION MAXIMA IN THE IONOSPHERE.
N67-13580 4A S05 04 HC$ 3.00 MF$ 0.65

RESEARCH ON FAILURE FREE SYSTEMS.
N67-14217 14D S05 04 HC$ 3.00 MF$ 0.65

RELIABILITY(ELECTRONICS), SYMPOSIA
PROCEEDINGS OF THE CONFERENCE ON RELIABILITY OF SEMICONDUCTOR DEVICES AND INTEGRATED CIRCUITS, VOLUME I, 17, 18 AND 19 JUNE 1964, NEW YORK, N. Y.
AD-645 221 14D U67 05 HC$ 3.00 MF$ 0.65

PROCEEDINGS OF THE CONFERENCE ON RELIABILITY OF SEMICONDUCTOR DEVICES AND INTEGRATED CIRCUITS, VOLUME II, 17, 18 AND 19 JUNE 1964, NEW YORK, N. Y.
AD-645 222 14D U67 05 HC$ 3.00 MF$ 0.65

RELIABILITY, DECISION THEORY
ASYMPTOTICALLY OPTIMAL STATISTICS IN SOME MODELS WITH INCREASING FAILURE RATE AVERAGES.
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RELIABILITY, STATISTICAL DISTRIBUTIONS
RELIABILITY APPLICATIONS OF A BIVARIATE EXPONENTIAL DISTRIBUTION,
AD-645 138 14D U67 05 HC$ 3.00 MF$ 0.65

REMOTE CONTROL
A DIGITAL INTERFACE FOR THE COMPUTER CONTROL OF A REMOTE MANIPULATOR.
N67-14239 9B S05 04 HC$ 3.00 MF$ 0.65

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VOCALIZATION AND HEARING IN THE LEOPARD LIZARD.
AD-645 127 6C U67 05

REPTILES, EAR
STRUCTURE AND FUNCTION OF THE LIZARD EAR,
AD-645 128 6C U67 05

REPTILES, HEARING
ELECTRICAL OUTPUT OF LIZARD EAR RELATION TO HAIR-CELL POPULATION.
AD-645 125 6C U67 05

RESEARCH PROGRAM ADMINISTRATION, PAVEMENTS
DEVELOPMENT OF A LONG RANGE PLAN FOR ENGINEERING RESEARCH ON FLEXIBLE PAVEMENTS.
AD-645 519 13B U67 05 HC$ 3.00 MF$ 0.65

RESEARCH PROGRAM ADMINISTRATION, URBAN AREAS
MID-CHICAGO ECONOMIC DEVELOPMENT STUDY. VOLUME I. POLICIES AND PROGRAMS, ECONOMIC DEVELOPMENT OF MID-CHICAGO.
PB-173 842 9C U67 05 HC$ 3.00 MF$ 0.65

MID-CHICAGO ECONOMIC DEVELOPMENT STUDY. VOLUME II. TECHNICAL ANALYSIS AND FINDINGS, ECONOMIC DEVELOPMENT OF MID CHICAGO.
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RESEARCH REACTORS, REACTOR SAFETY SYSTEMS
A BRIEF DESCRIPTION OF THE AFRRI-TRIGA MARK F REACTOR METHODS FOR CONTROLLING DISCHARGES, ENVIRONMENTAL SURVEILLANCE AND EMERGENCY PLANS.
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RESONANCE SCATTERING, ALLOYS
ANOMALOUS SCATTERING OF CONDUCTION ELECTRONS IN DILUTE ALLOYS WITH A MODERATE CONCENTRATION OF PARAMAGNETIC IMPURITIES.
AD-644 885 20L U67 05

RESPIRATORY DISEASES, EPIDEMIOLOGY
THE EPIDEMIOLOGY OF RESPIRATORY DISEASE IN A TOTAL NATURAL COMMUNITY AND EVALUATION OF IMMUNIZING AGENTS.
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RESPIRATORY DISEASES, ETIOLOGY
SURVEILLANCE OF RESPIRATORY INFECTIONS IN AN INDUSTRIAL POPULATION.
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RESPIRATORY DISEASES, IMMUNITY
VIRAL RESPIRATORY DISEASE AND IMMUNE RESPONSE IN THE AGED AND IN A PEDIATRIC POPULATION.
PB-173 881 6E U67 05 HC$ 3.00 MF$ 0.65

RESPIRATORY DISEASES, SURGERY
EARLIEST ATTEMPTS AT SURGICAL TREATMENT OF BRONCHIAL ASTHMA WITH THE METHOD OF PULMONARY AUTOGRAFTS,
AD-645 567 6E U67 05 HC$ 3.00 MF$ 0.65

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RESEARCH AND DEVELOPMENT OF RS, RHINOVIRUS, AND MYCOPLASMA PNEUMONIAE VACCINES.
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EXPERIMENTAL RESPIRATORY DISEASE VACCINE STUDIES IN SEVERAL POPULATIONS.
PB-173 883 6E U67 05 HC$ 3.00 MF$ 0.65

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ACOUSTIC REVERBERATION AT THE SEA SURFACE SURFACE AND SUBLAYER SPECTRA VIS-A-VIS SCATTERING AND REFLECTION.
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REVIEW OF LUNAR INFRARED OBSERVATIONS.
AD-645 548 3B U67 05 HC$ 3.00 MF$ 0.65

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AUTOMATIC DEVICES FOR RECOGNITION OF VISIBLE TWO-DIMENSIONAL PATTERNS A SURVEY OF THE FIELD.
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THE SEPARATION OF RHENIUM FROM COPPER, MOLYBDENUM, AND TUNGSTEN AND ITS SPECTROPHOTOMETRIC DETERMINATION.
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RHYTHM(BIOLOGY), BIONICS
OSCILLATORY BEHAVIOR IN ENZYMATIC CONTROL PROCESSES.
AD-645 292 6D U67 05

RIBONUCLEIC ACID (RNA)
INVESTIGATION OF THE ENZYMATIC SYNTHESIS OF POLYADENINE IN COACERVATES.
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THE EFFECT OF RNA INJECTIONS ON SHOCK AVOIDANCE CONDITIONING AND ON BRAIN CHEMISTRY.
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EXPERIMENTAL EVIDENCE FOR IMPROVEMENTS NEEDED IN RIFLE MARKSMANSHIP TRAINING.
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EFFECT OF WATER ON BITUMEN-AGGREGATE MIXTURES.
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PRESTRESSED CONCRETE CHANNEL BRIDGES FOR SECONDARY ROADS. PART II. AN INVESTIGATION OF OVERLOAD AND ULTIMATE BEHAVIOR UNDER HYDRAULIC JACK LOADING.
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COMPUTER TECHNIQUES APPLIED TO THE ANALYSIS AND DESIGN OF TWO COLUMN BENT RIGID FRAME HIGHWAY BRIDGE PIERS AND OTHER BRIDGE DESIGN PROBLEMS.
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QUALITY CONTROL ANALYSIS. PART III. CONCRETE AND CONCRETE AGGREGATES.
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DETERMINATION OF STATISTICAL PARAMETERS FOR HIGHWAY CONSTRUCTION.
PB-173 820 13B U67 05 HC$ 3.00 MF$ 0.65

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A STUDY OF THE HYDROGENATION OF A WYOMING COAL.
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A LABORATORY INVESTIGATION OF THE STRUCTURAL DESIGN OF BITUMINOUS MIXTURES.
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INVESTIGATION OF INSULATING EFFECT OF MATERIALS ON SUBGRADE.
PB-173 760 13B U67 05 HC$ 3.00 MF$ 0.65

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A STATE BY STATE STATISTICAL SUMMARY OF REPORTED HIGHWAY CONDEMNATION CASES FROM 1946 THROUGH 1961.
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FINANCIAL REPORTING TO MANAGEMENT.
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PB-173 809 13B U67 05 HC$ 3.00 MF$ 0.65

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STATUS REPORT ON THE LIQUID-SOLID ROCKET.
AD-645 227 21M U67 05 HC$ 3.00 MF$ 0.65

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AN EXPERIMENTAL INVESTIGATION OF THE VELOCITY AND TEMPERATURE PROFILES IN THE BOUNDARY LAYER ABOVE AN UNSTABLE EVAPORATING FILM OF LIQUID UNDER THE INFLUENCE OF A MOVING STREAM OF HOT GAS.
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A DESIGN STUDY OF A REGENERATIVELY COOLED NOZZLE FOR A TUNGSTEN WATER-MODERATED NUCLEAR ROCKET SYSTEM.
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DIGITAL CODES FOR DESIGN AND EVALUATION OF CONVECTIVELY COOLED ROCKET NOZZLE WITH APPLICATION TO NUCLEAR-TYPE ROCKET.
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ROCKET PHOTOGRAPHY
SOLID-STATE WIDE-RANGE LOW POWER CAMERA TIMER FOR SPACE APPLICATIONS.
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ROCKET SOUNDING
DATA REPORT OF THE METEOROLOGICAL ROCKET NETWORK FIRINGS VOLUME LIV - FEBRUARY 1966 FIRINGS.
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ACCURACY AND DISPERSION OF UNGUIDED, AIR-LAUNCHED ROCKETS.
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EFFECTIVENESS OF NYLON DRAG STRAPS FOR BRAKING MONORAIL SLEDS.
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RODENTS, MITES
A CASE OF ISOLATION OF THE PLAGUE AGENT FROM THE MITES LAELAPS ALGERICUS MINST. (PARASITIFORMES, GAMASIDES).
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ON THE QUESTION OF DISTRIBUTION AND NUMBERS OF IXODID TICKS ON MARMOTS IN KIRGIZIA.
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ROLLING
INVESTIGATION OF THE PRESSURE DISTRIBUTION OF METAL ON THE ROLLS DURING THE ROLLING PROCESS.
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INVESTIGATION OF MECHANICAL PARAMETERS IN HOT ROLLING.
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RUBBER, CROSSLINKING(CHEMISTRY)
DYNAMIC MECHANICAL PROPERTIES OF CROSS-LINKED RUBBERS. III. DICUMYL PEROXIDE VULCANIZATES OF NATURAL RUBBER.
AD-645 291 7D U67 05

RUBELLA, VACCINES
RESEARCH AND DEVELOPMENT OF ATTENUATED AND INACTIVATED RUBELLA VACCINES.
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STUDIES OF THE PREPARATION OF RUBELLA VIRUS VACCINE AND RUBELLA HYPERIMMUNE GAMMA GLOBULIN.
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RUNWAYS, SURFACES
DESIGN AND DEVELOPMENT OF AN AIRPORT RUNWAY SURFACE FRICTION MEASURING DEVICE.
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RUNWAYS, VISIBILITY
EVALUATION OF RUNWAY CENTERLINE, HIGH-SPEED EXIT TAXIWAY AND RUNWAY-REMAINING LIGHTING SYSTEMS FOR CATEGORY III OPERATIONS.
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AN ANALYSIS OF RUNWAY VISUAL RANGE.
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TRACK TELEMETERING PROPAGATION STUDY.
AD-644 908 9F U67 05 HC$ 3.00 MF$ 0.65

SACCHARIDE PHOSPHATES, BIOSYNTHESIS
MICROBIAL GROWTH ON CARBON COMPOUNDS. INCORPORATION OF CARBON UNITS INTO ALLULOSE PHOSPHATE BY EXTRACTS OF PSEUDOMONAS METHANICA.
AD-645 047 6A U67 05

SAMPLING, OPTIMIZATION
OPTIMUM SAMPLING AND CONTROL PROCEDURES FOR A MULTIPLEXED DIGITAL COMPUTER.
AD-440 428 9B U67 05 HC$ 3.00

SAMPLING, POPULATION(MATHEMATICS)
A NEW APPROACH TO SAMPLING FROM FINITE POPULATIONS. I. SUFFICIENCY AND LINEAR ESTIMATION.
AD-644 942 12A U67 05

A NEW APPROACH TO SAMPLING FROM FINITE POPULATIONS. II. DISTRIBUTION-FREE SUFFICIENCY.
AD-644 944 12A U67 05

SAMPLING, PROBABILITY

ON SOME JOINT PROBABILITIES USEFUL IN MIXED ACCEPTANCE SAMPLING.
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SANDWICH CONSTRUCTION, HEAT-RESISTANT METALS + ALLOYS
EDGEWISE COMPRESSIVE PROPERTIES OF TITANIUM AND NICKEL-BASE SANDWICH CONSTRUCTIONS AT ELEVATED TEMPERATURES.
AD-645 455 13M U67 05 HC$ 3.00 MF$ 0.65

SANITARY ENGINEERING, HEALTH PHYSICS
POSTATTACK SANITATION, WASTE DISPOSAL, PEST AND VECTOR CONTROL AND THE EFFECTS OF FALLOUT IN WASTE WATER AND SEWER SYSTEMS.
AD-645 599 6R U67 05 HC$ 3.00 MF$ 0.65

SATELLITE ANTENNAS, PLASMA SHEATH
RADIATION FROM A SPHERICAL ANTENNA WITH AN ANISOTROPIC PLASMA SHEATH,
AD-645 215 9E U67 05

SATELLITE ATTITUDE CONTROL
ATTITUDE PERTURBATIONS AND MAGNETIC CONTROL OF A SPIN-STABILIZED SATELLITE, PART II.
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SATELLITE ATTITUDE, THRUST VECTOR CONTROL SYSTEMS
DETERMINATION OF GAS FLOW PARAMETERS FROM PROPANE ATTITUDE CONTROL JETS, AND THEIR EFFECT ON SATELLITE OPTICAL SENSORS AND TELESCOPES.
AD-645 192 22A U67 05 HC$ 3.00 MF$ 0.65

SATELLITE INSTRUMENTATION
PROTON-3 SPATIAL SUPER-LAB.
N67-13972 22B S05 04 HC$ 3.00 MF$ 0.65

SATELLITE MEASUREMENT
ONCE MORE ABOUT THE POSSIBILITY OF DETERMINING THE LOCAL ELECTRON CONCENTRATION BY THE DISPERSION METHOD WITH THE HELP OF AES AND ON NEW IONIZATION MAXIMA IN THE IONOSPHERE.
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WAS THE MAGNETIC WAKE OBSERVED BY IMP-1 LUNAR OR TERRESTRIAL (QUES).
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SATELLITE PHOTOGRAPHY
SOLID-STATE WIDE-RANGE LOW POWER CAMERA TIMER FOR SPACE APPLICATIONS.
N67-14101 14E S05 04 HC$ 3.00 MF$ 0.65

SATELLITES(ARTIFICIAL), ATTITUDE CONTROL SYSTEMS
OPTIMIZED PERFORMANCE OF AN ARTICULATED GRAVITY GRADIENT SATELLITE AT SYNCHRONOUS ALTITUDE.
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SATELLITES(ARTIFICIAL), POSITION FINDING
COMPUTER PROGRAM FOR THE NRL SATELLITE POSITION DISPLAY,
AD-645 180 22C U67 05 HC$ 3.00 MF$ 0.65

SATURN LAUNCH VEHICLE
HIGH RELIABILITY DC AMPLIFIER FINAL REPORT.
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A SURVEY OF MISSIONS TO SATURN, URANUS, NEPTUNE, AND PLUTO.
N67-14253 22A S05 04 HC$ 3.00 MF$ 0.65

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CONTINUOUS FACSIMILE SCANNER EMPLOYING FIBER OPTICS.
AD-644 963 17B U67 05 HC$ 3.00 MF$ 0.65

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PHENOMENA IN THE NEIGHBORHOOD OF CRITICAL POINTS,
NBS-MISC. PUB-273 20M U67 05 HC$ 2.50 MF$ 0.65

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OPTIMUM SAMPLING AND CONTROL PROCEDURES FOR A MULTIPLEXED DIGITAL COMPUTER.
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BOOKS AND LIBRARIES IN THE SCIENTIFIC AGE,
AD-645 217 5B U67 05 HC$ 3.00 MF$ 0.65

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PB-173 498-1 5B U67 05 HC$ 3.00 MF$ 0.65

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EVOLUTION OF SATELLITE PPM ENCODING SYSTEMS FROM 1960 TO 1965.
N67-13781 9F S05 04 HC$ 3.00 MF$ 0.65

SCINTILLATION COUNTER
OBSERVATION OF THE GAMMA-RAY BACKGROUND IN WARSAW WITH A SCINTILLATION STATIC MONITOR.
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SCINTILLATION COUNTERS, PHOTOMULTIPLIERS
A SEARCH FOR A FAST DECAY COMPONENT IN NAI(T1)/AN EVALUATION OF THE RCA 8575 PHOTOMULTIPLIER TUBE.
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SCOUT LAUNCH VEHICLE
DESIGN AND DEVELOPMENT OF THE CASTOR IIA ROCKET MOTOR FINAL REPORT.
N67-13570 21M S05 04 HC$ 3.00 MF$ 0.65

SEA WATER, ACOUSTICS
ACOUSTIC REVERBERATION AT THE SEA SURFACE SURFACE AND SUBLAYER SPECTRA VIS-A-VIS SCATTERING AND REFLECTION.
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SEARCHLIGHTS, PERFORMANCE(ENGINEERING)
EVALUATION OF THE 30-INCH GENERAL-PURPOSE SEARCHLIGHT EQUIPMENT.
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SECONDARY EMISSION, ELECTRONS
THE POWER LAW AND CONSTANT LOSS MODELS IN SECONDARY ELECTRON EMISSION.
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DENSITY CHARACTERISTICS OF SEDIMENTARY ROCKS IN THE CENTRAL PART OF THE DEPRESSION OF THE BLACK SEA REGION.
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SEISMIC WAVES, MODEL TESTS
APPARATUS FOR SEISMIC MODELLING OPTICALLY.
AD-645 123 8K U67 05

SEISMIC WAVES, PROPAGATION
TRAVEL - TIME ANOMALIES AT LASA,
AD-645 331 17J U67 05 HC$ 3.00 MF$ 0.65

SEISMIC WAVES, REVERBERATION
VARIATIONS IN SPECTRA OF P WAVES RECORDED AT CANADIAN ARCTIC SEISMOGRAPH STATIONS,
AD-644 916 8K U67 05

SEISMIC WAVES, SCATTERING
LASA AMPLITUDE SCATTER,
AD-645 332 17J U67 05 HC$ 3.00 MF$ 0.65

SEISMIC WAVES, SOILS
GROUND MOTION DUE TO SURFACE SOURCES.
AD-645 540 8K U67 05 HC$ 3.00 MF$ 0.65

SEISMOLOGICAL STATIONS, BAROMETERS
INSTALLATION OF THE PENAS ACOUSTIC ARRAY,
AD-645 151 8K U67 05 HC$ 3.00 MF$ 0.65

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VARIATIONS IN SPECTRA OF P WAVES RECORDED AT CANADIAN ARCTIC SEISMOGRAPH STATIONS,
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LASA AMPLITUDE SCATTER,
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SEISMOLOGICAL STATIONS, SEISMOLOGY
TRAVEL - TIME ANOMALIES AT LASA,
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SEISMOLOGY, EARTH MODELS
PRELIMINARY STUDY OF THE PROPAGATION OF SPHEROIDAL DISTURBANCES ON THE SURFACE OF A HETEROGENOUS SPHERICAL EARTH,
AD-645 460 8K U67 05

SEISMOLOGY, STRUCTURAL GEOLOGY
ON THE STRUCTURE OF THE UPPER MANTLE,
AD-644 949 8K U67 05

CRUSTAL STRUCTURE ESTIMATION WITHIN A LARGE SCALE ARRAY,
AD-645 431 8G U67 05

SELENIDES, LUMINESCENCE
SELF-ACTIVATED ZNS AND ZNSE LUMINESCENCE AND ELECTRON SPIN RESONANCE,
AD-645 401 20L U67 05

SEMICONDUCTING FILMS, EPITAXIAL GROWTH
EPITAXY OF GERMANIUM FILMS ON GALLIUM ARSENIDE BY VACUUM EVAPORATION.
AD-644 955 20L U67 05

SEMICONDUCTOR
THE NATURE OF THE ANOMALOUSLY HIGH PHOTOVOLTAGES ( A H P-EFFECT) IN SEMICONDUCTOR FILMS,
N67-13798 20L S05 04 HC$ 3.00 MF$ 0.65

SEMICONDUCTOR DEVICES, MANUFACTURING METHODS
PRODUCTION ENGINEERING MEASURE HIGH SPEED SEMICONDUCTOR SWITCH (TWO TERMINAL) AND HIGH SPEED SEMICONDUCTOR SWITCH (GATE),
AD-645 480 9E U67 05

SEMICONDUCTOR DEVICES, RELIABILITY(ELECTRONICS)
PROCEEDINGS OF THE CONFERENCE ON RELIABILITY OF SEMICONDUCTOR DEVICES AND INTEGRATED CIRCUITS, VOLUME I, 17, 18 AND 19 JUNE 1964, NEW YORK, N. Y.
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SEMICONDUCTOR DEVICES, VARIABLE CAPACITORS
STUDY OF THE PROPERTIES OF VARIABLE CAPACITANCE SEMICONDUCTOR DEVICES.
AD-645 299 9A U67 05 HC$ 3.00 MF$ 0.65

SEMICONDUCTORS, ANTHRACENES
THE CRYSTAL STRUCTURE OF 9, 9, 10, 10-TETRACHLORO-9, 10-DIHYDROANTHRACENE.
AD-645 470 20B U67 05

SEMICONDUCTORS, IMPURITIES
THEORY OF SHALLOW IMPURITY STATES IN SEMICONDUCTORS.
AD-645 498 20L U67 05

SEMICONDUCTORS, LUMINESCENCE
SELF-ACTIVATED ZNS AND ZNSE LUMINESCENCE AND ELECTRON SPIN RESONANCE,
AD-645 401 20L U67 05

SEMICONDUCTORS, MAGNETO-OPTIC EFFECT
INFRARED MAGNETOELECTROREFLECTANCE IN GE, GASB, AND INSB,
AD-645 038 20L U67 05

SEMICONDUCTORS, RADIATION DAMAGE
TRANSIENT RADIATION DAMAGE IN SEMICONDUCTOR MATERIALS.
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SEMICONDUCTORS, SUPERCONDUCTIVITY
OBSERVATION OF THE SUPERCONDUCTING ENERGY GAP IN A SEMICONDUCTOR (GETE),
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SEMICONDUCTORS, SYMPOSIA
PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON THE PHYSICS OF SEMICONDUCTORS, KYOTO, 1966,
AD-645 295 20L U67 05 MF$ 0.65

SEMICONDUCTORS, TEMPERATURE
PYROMETRIC MEASUREMENTS OF SI, GE, AND GAAS WAFERS BETWEEN 100 AND 700C,
AD-644 954 20M U67 05

SEMICONDUCTORS, TUNNELING(ELECTRONICS)
PHOTON-ASSISTED MAGNETOTUNNELING IN PARALLEL AND CROSSED FIELDS,
AD-645 036 20L U67 05

SENSORY DEPRIVATION, BEHAVIOR
EFFECTS OF SENSORY DEPRIVATION ON INTROVERTS AND EXTRAVERTS A FAILURE TO FIND REPORTED DIFFERENCES.
AD-645 530 5J U67 05

SENSORY FEEDBACK
ADAPTATION TO VISUAL AND NONVISUAL REARRANGEMENT,
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SOME NONPARAMETRIC TESTS FOR RANDOMNESS IN SEQUENCES,
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ON A SEQUENTIAL OPTIMIZATION APPROACH IN NONLINEAR CONTROL,
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SERIES, FOURIER ANALYSIS
NOTE ON THE CALCULATION OF FOURIER SERIES,
AD-645 416 12A U67 05

SERVOACTUATOR
RELIABILITY ANALYSIS AND PREDICTION MOOG MODEL 17-200 B MECHANICAL FEEDBACK SERVOACTUATOR GMSFC, NASA PART NO. 50 M39008, REV. B.
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A COMPARISON OF UNIFORM APPROXIMATIONS ON AN INTERVAL AND A FINITE SUBSET THEREOF.
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SET THEORY, COMBINATORIAL ANALYSIS
ON THE DEGREES OF INDEX SETS,
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SET THEORY, COMPILERS
DETECTION OF IMPLICIT COMPUTATIONAL PARALLELISM FROM INPUT-OUTPUT SETS.
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A RELATION BETWEEN A THEOREM OF BOHR AND SIDON SETS,
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L-FUZZY SETS,
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A TECHNIQUE FOR ARTIFICIAL CAVITATION AND DETONATION-WAVE SHAPING,
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PROPERTY CHARACTERIZATION OF A DUCTILE, TUNGSTEN-BASE SHEET ALLOY,
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AN EVALUATION OF THE ROLE OF FEDERAL PERSONNEL IN RECRUITING SHELTER MANAGERS,
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SOME TRAINING IMPLICATIONS OF LARGE SHELTERS,
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MONTE CARLO CALCULATIONS OF THE PENETRATION OF NORMALLY INCIDENT NEUTRON BEAMS THROUGH CONCRETE,
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MEASUREMENTS OF HEAVE FORCES AND PITCH MOMENTS ACTING ON A RESTRAINED SHIPLIKE MODEL IN REGULAR WAVES,
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SHOCK WAVES, CURVED PROFILES
SHOCK FRONT CURVATURE AT INITIAL PRESSURES UP TO 700 MM HG.
AD-644 947 20D U67 05

SHOCK WAVES, PHYSICAL PROPERTIES
NOTE ON REFLECTED SHOCK CONDITIONS IN A SINGLE-PULSE TUBE,
AD-645 298 20D U67 05

SHOCK WAVES, PROPAGATION
CONNECTION BETWEEN THE FAY AND FUBINI SOLUTIONS FOR PLANE SOUND WAVES OF FINITE AMPLITUDE,
AD-645 371 20A U67 05

SHOCK WAVES, WAKE
HYPERSONIC FLOW BEHIND A PARABOLOIDAL SHOCK WAVE,
AD-645 409 20D U67 05

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AN EMPIRICAL BAYES TECHNIQUE IN COMMUNICATION THEORY.
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COMPUTER-AIDED CIRCUIT ANALYSIS,
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ON THE OPTIMIZATION OF MIXTURE RESOLVING SIGNAL PROCESSING STRUCTURES.
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SILANES, ELECTRON SPIN RESONANCE
ESR OF FREE RADICALS TRAPPED IN INERT MATRICES AT LOW TEMPERATURE CH3, SIH3, GEH3, AND SNH3,
AD-645 390 7D U67 05

SILANES, SYNTHESIS(CHEMISTRY)
PREPARATION OF ETHYLDISILANE,
AD-645 252 7C U67 05

SILICATE
ON CHEMICAL FRACTIONATION IN THE SILICATE PHASE OF METEORITES.
N67-13797 8D S05 04 HC$ 3.00 MF$ 0.65

SILICON
X-RAY SPECTRA PRODUCED WHEN THICK SILICON TARGETS ARE BOMBARDED WITH 1.05 AND 1.85 MILLION VOLTS ELECTRONS.
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SOME FACTORS AFFECTING THE GROWTH OF BETA SILICON CARBIDE.
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SILICON CONTROLLED RECTIFIERS, ELECTRONIC RELAYS
EVALUATION OF SOLID STATE DEVICES FOR CONTROL CIRCUITS OF TARGET HOLDING MECHANISM, TRAINFIRE, M31A1.
AD-645 267 9E U67 05 HC$ 3.00 MF$ 0.65

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INSTABILITIES IN PYROLYTICALLY DEPOSITED SILICON DIOXIDE FILMS AT ROOM TEMPERATURE,
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SOME PHENOMENA OCCURRING IN THERMALLY-GROWN SILICON DIOXIDE,
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PHOTON-COUPLED ISOLATION SWITCH.
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SILICONES, LIQUID IMMERSION TESTS
SILICONE SUBMERSION, A FEASIBILITY STUDY,
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SILICON, ABSORPTION
MATRIX ELEMENTS FOR THE INDIRECT PIEZOABSORPTION COEFFICIENT IN SILICON,
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SILICON, EPITAXIAL GROWTH
STUDY OF THE EARLY STAGES OF THE EPITAXY OF SILICON ON SILICON.
AD-644 956 20B U67 05

SILICON, PHONONS
ANHARMONIC DECAY OF OPTICAL PHONONS,
AD-645 429 20L U67 05

SILICON, TRANSIENTS
TRANSIENT RADIATION DAMAGE IN SEMICONDUCTOR MATERIALS.
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MACROCYCLIZATION EQUILIBRIUM CONSTANTS AND THE STATISTICAL CONFIGURATION OF POLY(DIMETHYLSILOXANE) CHAINS.
AD-644 935 7D U67 05

SILVER ALLOYS, SUPERCONDUCTIVITY
SUPERCONDUCTIVITY OF LAAG,
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SILVER COMPOUND
THE KINETICS OF THERMAL DECOMPOSITION OF SILVER OXALATE,
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A STUDY LEADING TO THE CONSTRUCTION OF A TROPOSCATTER SIMULATOR,
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CHEMISORPTION ON SINGLE CRYSTAL PLANES,
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ELECTRICAL CONDUCTIVITY OF UO2, PART I. SINGLE CRYSTALS.
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DISLOCATION ARRANGEMENTS IN TANTALUM SINGLE CRYSTALS DEFORMED IN TENSION AT 373K.
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RESEARCH AND DEVELOPMENT INVESTIGATION OF A PRECISION DIGITAL FREQUENCY SYNTHESIZER FOR SSB.
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A PRELIMINARY REPORT ON ABSOLUTE SKY RADIANCE MEASUREMENTS IN THE REGION OF 1.9 TO 3.2 MICRONS.
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INDUZIONE DEL SONNO PROFONDO NEL GATTO MEDIANTE STIMOLAZIONE ELECTTRICA DELLA SOSTANZA RETICOLARE DEL TRONCO ENCEFALICO (INDUCTION OF PROFOUND SLEEP IN THE CAT BY MEANS OF ELECTRICAL STIMULATION OF THE RETICULAR SUBSTANCE OF THE ENCEPHALIC TRUNK),
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SLOT ANTENNAS, WAVEGUIDE SLOTS
WAVEGUIDE SLOT ARRAY DESIGN.
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SMOKE SCREENS, CIVIL DEFENSE SYSTEMS
FINAL RESULTS OF SMOKE SCREEN SYSTEM DEVELOPMENT,
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SNOW, SUBLIMATION
AN INVESTIGATION OF MASS TRANSFER BY SUBLIMATION FROM A SNOW SURFACE,
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COMPUTERS AND OUR FUTURE,
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SOME CAUSES OF BENDING OF ANALYTICAL CURVES IN ATOMIC EMISSION FLAME SPECTROMETRY,
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FASCICULOCHLORIS, A NEW CHLOROSPHAERACEAN ALGA FROM A CONNECTICUT SOIL,
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GROUND COVERS FOR HIGHWAY SLOPES. AN ANNOTATED BIBLIOGRAPHY,
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INVESTIGATION OF INSULATING EFFECT OF MATERIALS ON SUBGRADE,
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THE COMPACTION OF SOIL AND ROCK MATERIALS FOR HIGHWAY PURPOSES.
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MARKET ANALYSIS AND TECHNICAL FEASIBILITY FOR THE EXPANSION OF THE MONTANA SALVAGE CORPORATION, SOMERS, MONTANA.
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GROUND MOTION DUE TO SURFACE SOURCES.
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DEVELOPMENT OF THERMAL CONDUCTIVITY PROBES FOR SOILS AND INSULATIONS.
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CORRELATION BETWEEN R-VALUE AND K-VALUE AS A BASIS FOR CONCRETE PAVEMENT DESIGN,
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FREQUENCY SPECTRUM METHOD FOR ANALYZING GROUND-MOTION DATA PRODUCED BY SINGLE AND MULTIPLE VIBRATORY SOURCES.
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ANOMALOUS COMPOSITION OF FORMING IONS AND CERTAIN EVENTS IN THE LOWER IONOSPHERE.
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PARTICIPATION IN THE DEVELOPMENT OF CADMIUM SULPHIDE SOLAR CELLS ON A FLEXIBLE SUPPORT,
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THE IONIZATION OF COMPLEX IONS BY ELECTRON IMPACT. I. IONIZATION CROSS SECTIONS FOR FE XV AND FE XVI.
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AN AIRBORNE EXPERIMENT TO DETERMINE TEMPERATURE VARIATIONS THROUGHOUT THE SOLAR CORONA DURING THE ECLIPSE OF 12 NOVEMBER 1966.
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CURRENTS IN THE SOLAR ATMOSPHERE AND A THEORY OF SOLAR FLARES,
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AN INVESTIGATIVE STUDY OF A SPECTRUM-MATCHING IMAGING SYSTEM FINAL REPORT.
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SOLAR RADIATION, NEUTRINOS
SOLAR NEUTRINOS,
AD-645 395 3B U67 05

SOLAR STREAM
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SOLAR SOURCE OF THE INTERPLANETARY SECTOR STRUCTURE.
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NEUTRAL POINT IN THE GEOMAGNETIC FIELD,
AD-645 369 4A U67 05

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IONIZATION OF THE E-LAYER AND X-RAY EMISSION OF THE SUN IN THE 44-60 ANGSTROM BAND,
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ADDITIONS TO FUSED-FLUORIDE LUBRICANT COATINGS FOR REDUCTION OF LOW-TEMPERATURE FRICTION,
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SATURATED HYDROCARBON POLYMERIC BINDER FOR ADVANCED SOLID PROPELLANT AND HYBRID SOLID GRAIN QUARTERLY REPORT, 1 AUG. - 31 OCT. 1966.
N67-13674 21I S05 04 HC$ 3.00 MF$ 0.65

SOLID STATE DEVICE
PROCEEDINGS OF THE INSTITUTE ON MODERN SOLID STATE CIRCUIT DESIGN,
N67-13341 D9C S05 04 HC$ 3.00 MF$ 0.65

THEORETICAL AND EXPERIMENTAL INVESTIGATIONS OF COLLECTIVE MICROWAVE PHENOMENA IN SOLIDS SEMIANNUAL STATUS REPORT, 1 APR. - 30 SEP. 1966,
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SOLID-STATE WIDE-RANGE LOW POWER CAMERA TIMER FOR SPACE APPLICATIONS,
N67-14101 14E S05 04 HC$ 3.00 MF$ 0.65

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EVALUATION OF SOLID STATE DEVICES FOR CONTROL CIRCUITS OF TARGET HOLDING MECHANISM, TRAINFIRE, M61A1,
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SOLID-VAPOR EQUILIBRIUM IN THE SYSTEM HELIUM-METHANE,
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SOLIDS, THERMAL RADIATION
ON RADIATIVE HEAT TRANSFER IN SOLIDS,
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SOLUTIONS, ULTRASONIC PROPERTIES
PULSE APPARATUS FOR THE MEASUREMENT OF ULTRASONIC ABSORPTION IN SOLUTIONS FROM 1 TO 60 MC,
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SOLVENT EXTRACTION, COSTS
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SONAR ARRAYS, FUNCTIONS
DIRECTIVITY FUNCTION OF A GENERAL RECEIVING ARRAY FOR SPHERICAL AND PLANE SOUND WAVES,
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SONAR SIGNALS, PASSIVE
PASSIVE SONAR SIGNAL PROCESSING,
AD-645 408 17A U67 05

SONAR TARGETS, DETECTION
PASSIVE SONAR SIGNAL PROCESSING,
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SONAR, ANIMALS
BIOTIC TARGET SIGNATURES AND THEIR ACOUSTIC RECOGNITION A SUGGESTED ANIMAL MODEL,
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SOUND TRANSMISSION, UNDERWATER SOUND
ACOUSTIC TRANSMISSION IN AN OCEAN SURFACE DUCT,
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ON ONE OF THE POSSIBLE FORMATION MECHANISMS OF NARROW SPORADIC IONOSPHERE LAYERS,
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METEOROLOGICAL ROCKET NETWORK FIRINGS. FALL 1959 AND WINTER 1960 FIRINGS,
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AD-451 629 4B U67 05 HC$ 3.00

SOUND, PROPAGATION
CONNECTION BETWEEN THE FAY AND FUBINI SOLUTIONS FOR PLANE SOUND WAVES OF FINITE AMPLITUDE,
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SOUTH KOREA, WEATHER FORECASTING
FORECASTING LOW LEVEL TURBULENCE FOR LIGHT AIRCRAFT,
AD-645 091 4B U67 05 HC$ 3.00 MF$ 0.65

SOUTHEAST ASIA, WEATHER
COMPARISON OF VFR PERCENTAGES IN SOUTHEAST ASIA,
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SPACE COMMUNICATION
RESEARCH PROGRESS SEMIANNUAL STATUS REPORT, APR. 1 - SEP. 30, 1966,
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SPACE COMMUNICATION SYSTEMS, WHITE NOISE
A CODING SCHEME FOR ADDITIVE NOISE CHANNELS WITH FEEDBACK-- PART I NO BANDWIDTH CONSTRAINT,
AD-645 428 9D U67 05

SPACE NAVIGATION
SPACECRAFT NAVIGATION,
N67-14100 17G S05 04 HC$ 3.00 MF$ 0.65

SPACE PERCEPTION, MEASUREMENT
RETINAL CORRESPONDENCE AND THE PERCEIVED VERTICAL,
AD-645 883 6P U67 05

SPACE PROBE
PROTON-3 SPATIAL SUPER-LAB,
N67-13572 22B S05 04 HC$ 3.00 MF$ 0.65

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EXTRATERRESTRIAL RELIQUEFACTION OF CRYOGENIC PROPELLANTS FINAL REPORT, MAY 1964 - DEC. 1965,
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COMPUTER PROGRAM FOR THE NRL SATELLITE POSITION DISPLAY,
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SPACE SURVEILLANCE SYSTEMS, RADAR TRACKING
RADIO PHYSICS AND ASTRONOMY, 1966 1,
AD-645 324 17I U67 05 HC$ 3.00 MF$ 0.65

SPACE WEAPON
OUTER SPACE AND ARMS CONTROL,
N67-14260 15C S05 04 HC$ 3.00 MF$ 0.65

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A STUDY OF A GRAVITY-GRADIENT-STABILIZED NIMBUS SPACECRAFT,
N67-14170 22B S05 04 HC$ 3.00 MF$ 0.65

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SPACECRAFT ELECTRONIC EQUIPMENT
EVOLUTION OF SATELLITE PFM ENCODING SYSTEMS FROM 1960 TO 1965,
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A GEOMETRICAL METHOD FOR DETERMINING THE PARAMETERS OF MOTION OF SPACECRAFT IN A NEWTONIAN FIELD OF FORCE,
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ANALYSIS OF DEBRIS FROM APG-3, THE SIMULATED DESTRUCT SYSTEM TEST OF A FULL-SCALE ROVER/NERVA REACTOR,
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PASSIVE INFRARED ACQUISITION AND TRACKING SYSTEM ANALYSIS, TASK II,
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SPACECRAFT STRUCTURE
ANALYTICAL STUDY OF NONMETALLIC PARTS FOR LAUNCH VEHICLES AND SPACECRAFT STRUCTURES QUARTERLY PROGRESS REPORT, JUL. 1 OCT. 1, 1966,
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SPACECRAFT, ABSTRACTS
PROTECTIVE STRUCTURES AND COMPONENTS COMPILATION OF ABSTRACTS,
AD-645 029 18A U67 05 HC$ 3.00 MF$ 0.65

SPACECRAFT, CHECKOUT PROCEDURES
THE APPLICATION OF ON-LINE GRAPHICAL TECHNIQUES FOR PROGRAMMING AND OPERATING A MOVING NETWORK MONITORING DISPLAY,
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SPATIAL ORIENTATION
ADAPTATION TO VISUAL AND NONVISUAL REARRANGEMENT,
N67-14219 5H S05 04 HC$ 3.00 MF$ 0.65

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INVESTIGATION OF COHERENT SOURCES OF INFRARED RADIATION SEMIANNUAL STATUS REPORT, 1 MAY - 31 OCT, 1966,
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SPECTRAL EMISSION
AN INVESTIGATIVE STUDY OF A SPECTRUM-MATCHING IMAGING SYSTEM FINAL REPORT,
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SPECTRA(INFRARED), OXIDIZERS
INFRARED SPECTRUM AND NORMAL-COORDINATE ANALYSIS OF SF4,
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SPECTROMETER FOR ATMOSPHERIC IONS IN THEIR UPPERMOST RANGE OF MOBILITY,
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SPECTROPHOTOMETERS, AMERICIUM
THE SEPARATION OF AMERICIUM FROM CURIUM, MOLYBDENUM, AND TUNGSTEN AND ITS SPECTROPHOTOMETRIC DETERMINATION,
LA-3550 7A N21 02 HC$ 3.00 MF$ 0.65

SPECTROSCOPY, FLAMES
INTENSITY OF THERMAL RADIATION OF METAL SPECTRA IN FLAME EMISSION SPECTROMETRY,
AD-645 176 7D U67 05

SPECTROSCOPY, FOURIER ANALYSIS
REAL-TIME SPECTRAL SYNTHESIS IN FOURIER SPECTROSCOPY,
AD-645 471 20F U67 05

SPECTROSCOPY, INSTRUMENTATION
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SPECTRUM ANALYZERS, CALIBRATION
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AD-645 074 17B U67 05

SPEECH, INTELLIGIBILITY
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STARS, VIBRATION
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AD-645 458 3B U67 05

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SUPERSONIC COMBUSTION, DIFFUSION
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APPLICATION OF THE LAND COLOR-VISION EFFECT TO TELEVISION SYSTEMS (A FEASIBILITY STUDY).
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TEMPERATURE CONTROL
A STUDY OF ELECTRONIC PACKAGES, ENVIRONMENTAL CONTROL SYSTEMS AND VEHICLE THERMAL SYSTEMS INTEGRATION.
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TEMPERATURE EFFECT
LUMINESCENCE SPECTRA OF ZINC OXIDE.
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TEMPERATURE INVERSION, ARCTIC REGIONS
SURVEY OF ARCTIC AND SUBARCTIC TEMPERATURE INVERSIONS,
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TEMPERATURE MEASUREMENT
AN AIRBORNE EXPERIMENT TO DETERMINE TEMPERATURE VARIATIONS

THROUGHOUT THE SOLAR CORONA DURING THE ECLIPSE OF 12 NOVEMBER 1966.
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TENSILE STRENGTH
STUDY OF THE BASE METAL INTENDED FOR RESEARCH ON THE BRITTLE FRACTURE OF LARGE WELDMENTS TECHNICAL REPORT, 1 MAY 1965 - 30 APR, 1966.
N67-14094 11F S05 04 HC$ 3.00 MF$ 0.65

TENSILE TESTING MACHINE
IMPROVEMENT OF A MICROTENSILE MACHINE.
N67-14112 13I S05 04 HC$ 3.00 MF$ 0.65

TERRESTRIAL MAGNETISM, SOLAR WIND
NEUTRAL POINT IN THE GEOMAGNETIC FIELD.
AD-643 369 4A U67 05

TEST EQUIPMENT, PHOTOELASTICITY
APPARATUS FOR SEISMIC MODELLING OPTICALLY.
AD-645 123 8K U67 05

TEST EQUIPMENT, TORQUE
TORQUE TESTERS FLEXIBLE-BEAM AND TORSION BAR TYPES 5 OZ-IN. TO 1000 LB-FT.
PB-173 823 14B U67 05 HC$ 3.00 MF$ 0.65

TEST PROGRAM
NICKEL-CADMIUM CELL HEAT STERILIZATION TEST PROGRAM, PHASE 1 FINAL REPORT.
N67-14214 10A S05 04 HC$ 3.00 MF$ 0.65

TEST SETS, CALIBRATION
SAS BENCH TEST SET, PART NO. 114E5987-1, 114E5987-4, STOCK NO. RX4920-075-1992-SVER, RX4920-959-6125-SVER (BOEING-VERTOL).
PB-173 876 9C U67 05 HC$ 3.00 MF$ 0.65

TETROXIDE
CALCULATION OF THERMODYNAMIC FUNCTIONS OF CHEMICALLY REACTIVE GASES.
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TEXTILES, COLORS
DEVELOPMENT OF SHADE STANDARDS FOR RIBBON COLORS.
AD-644 927 15E U67 05 HC$ 3.00 MF$ 0.65

THAILAND, FOOD
FOOD PRODUCE IN THAILAND.
PB-173 711 9C U67 05 HC$ 3.00 MF$ 0.65

THAILAND, WEATHER FORECASTING
OBJECTIVE METHOD TO FORECAST LOW MORNING VISIBILITIES AT UBON, THAILAND-(JAN-MAR).
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THAILAND, WIND
A PRELIMINARY ESTIMATE OF EXTREME WIND SPEEDS IN THAILAND.
AD-643 089 4B U67 05 HC$ 3.00 MF$ 0.65

THALLIUM COMPOUNDS, ELECTRODES
THE LITHIUM AMALGAM-LITHIUM CHLORIDE AND THALLIUM AMALGAM-THALLOUS CHLORIDE ELECTRODES IN LITHIUM CHLORIDE-DIMETHYL SULFOXIDE SOLUTIONS.
AD-645 372 7D U67 05

THEOREM PROVING
REMARKS ON A PAPER OF LEIGHTON.
N67-14202 12A S05 04 HC$ 3.00 MF$ 0.65

THEOREMS, PARTIAL DIFFERENTIAL EQUATIONS
UNIQUENESS THEOREM FOR THE REDUCED WAVE EQUATION UNDER AN NTH ORDER DIFFERENTIAL BOUNDARY CONDITION.
AD-644 892 20N U67 05

THEOREMS, STATISTICAL PROCESSES
LIMIT THEOREMS FOR MARKOV PROCESSES ON TOPOLOGICAL GROUPS.
AD-644 968 12A U67 05

THEOREMS, TOPOLOGY
APPLICATION OF THE POINCARE-BENDIXSON THEOREM.
AD-645 237 12A U67 05

THERMAL CONDUCTIVITY, PROBES
DEVELOPMENT OF THERMAL CONDUCTIVITY PROBES FOR SOILS AND INSULATIONS.
AD-645 337 8G U67 05 HC$ 3.00 MF$ 0.65

THERMAL DECOMPOSITION
THE KINETICS OF THERMAL DECOMPOSITION OF SILVER OXALATE.
N67-13788 7C S05 04 HC$ 3.00 MF$ 0.65

THERMAL DIFFUSION, STATISTICAL MECHANICS
THERMAL DIFFUSION IN POLYATOMIC GASES A GENERALIZED STEFAN MAXWELL DIFFUSION EQUATION.
AD-645 200 7D U67 05

THERMAL INSULATION
THE AIR VENTILATED SUIT - FURTHER EXPERIMENTS BY TWO DIFFERENT METHODS TO STUDY THE GAIN IN THERMAL INSULATION DUE TO AIR FLOW THROUGH THE MATERIAL.
N67-13650 15E S05 04 HC$ 3.00 MF$ 0.65

THERMAL RADIATION
AN INVESTIGATIVE STUDY OF A SPECTRUM-MATCHING IMAGING SYSTEM FINAL REPORT.
N67-13668 14E S05 04 HC$ 3.00 MF$ 0.65

THERMAL RADIATION, GAS FLOW
DYNAMICS OF A RADIATING GAS WITH APPLICATION TO FLOW OVER A WAVY WALL.
AD-645 341 20D U67 05

THERMAL RADIATION, INTENSITY
INTENSITY OF THERMAL RADIATION OF METAL SPECTRA IN FLAME EMISSION SPECTROMETRY.
AD-645 176 7D U67 05

THERMAL RADIATION, SOLIDS
ON RADIATIVE HEAT TRANSFER IN SOLIDS.
AD-645 230 20M U67 05 HC$ 3.00 MF$ 0.65

THERMAL STABILITY, AUSIENITE
THE THERMAL STABILIZATION OF AUSTENITE.
AD-645 225 11F U67 05

THERMIONIC CONVERTERS, CESIUM
THE DEVELOPMENT OF AN ADSORPTION CESIUM RESERVOIR.
NYO-3642-3 10B N21 02 HC$ 3.00 MF$ 0.65

THERMIONIC EMISSION
THERMIONIC EMISSION FROM PLANAR MONOCRYSTALLINE TUNGSTEN.
N67-14084 20C S05 04 HC$ 3.00 MF$ 0.65

THERMISTORS, PERFORMANCE(ENGINEERING)
RESPONSE TIME OF AND EFFECTS OF RADIATION ON THE VECO BEAD THERMISTOR.
AD-645 090 9A U67 05 HC$ 3.00 MF$ 0.65

THERMOCHEMISTRY
INTERMOLECULAR BONDING OF VARIOUS METALS AND ALLOYS BY THERMOCHEMICAL VAPOR DEPOSITION FINAL REPORT, 15 APR. 1965 - 31 OCT. 1966.
N67-13671 11F S05 04 HC$ 3.00 MF$ 0.65

THERMOCHEMISTRY, IRREVERSIBLE PROCESSES
EXPERIMENTAL STUDY OF CHEMICAL COUPLING.
AD-645 393 7D U67 05

STUDIES IN IRREVERSIBLE THERMODYNAMICS. V, VI AND VII.
AD-645 504 7D U67 05

THERMOCONDUCTIVITY
THEORETICAL AND EXPERIMENTAL STUDIES OF HIGH TEMPERATURE GAS TRANSPORT PROPERTIES FINAL REPORT, 11 MAY 1964 - 10 MAY 1965.
N67-13538 20I S05 04 HC$ 3.00 MF$ 0.65

THERMODYNAMIC PROPERTY
CALCULATION OF THERMODYNAMIC FUNCTIONS OF CHEMICALLY REACTIVE GASES.
N67-13833 7D S05 04 HC$ 3.00 MF$ 0.65

A SURVEY OF THERMODYNAMIC PROPERTIES OF THE COMPOUNDS OF THE ELEMENTS CNHOPS.
N67-14215 7C S05 04 HC$ 3.00 MF$ 0.65

THERMODYNAMICS
AN ANALYSIS OF THERMALLY INDUCED FLOW OSCILLATIONS IN THE NEAR-CRITICAL AND SUPER- CRITICAL THERMODYNAMIC REGION FINAL REPORT.
N67-13534 20M S05 04 HC$ 3.00 MF$ 0.65

EXTRAPOLATION OF EXPERIMENTAL THERMAL DATA TO HIGH PRESSURES.
N67-13789 20M S05 04 HC$ 3.00 MF$ 0.65

DATA REPORT OF THE METEOROLOGICAL ROCKET NETWORK FIRINGS VOLUME LIV - FEBRUARY 1966 FIRINGS.
N67-13905 4B S05 04 HC$ 3.00 MF$ 0.65

THERMODYNAMICS, CIRCUITS
UNRESOLVED PARADOX IN CIRCUIT THEORY.
AD-644 877 9E U67 05

THERMODYNAMICS, ELASTICITY
VARIATIONAL FORMULATIONS OF THE COUPLED THEORY OF LINEAR THERMOELASTICITY.
AD-645 301 20K U67 05 HC$ 3.00 MF$ 0.65

THERMODYNAMICS, SYMPOSIA
PHENOMENA IN THE NEIGHBORHOOD OF CRITICAL POINTS.
NBS-MISC. PUB-273 20M U67 05 HC$ 2.50 MF$ 0.65

THERMOELECTRICITY, AUXILIARY POWER PLANTS
SNAP 10A SYSTEM OPTIMIZATION.
NAA-SR-11935 21F N21 02 HC$ 3.00 MF$ 0.65

THERMOELECTRICITY, GENERATORS
MULTIFUELED THERMAL-ENERGY-CONVERSION SYSTEMS.
AD-467 037 10B U67 05 HC$ 3.00

THIN FILM
DEVELOPMENT OF ULTRA THIN GAUGE POLYMERIC FILMS FINAL REPORT, 16 APR. 1965 - 10 AUG. 1966.
N67-13702 13H S05 04 HC$ 3.00 MF$ 0.65

THERMOPILE IMPROVEMENT.
N67-13877 9A S05 04 HC$ 3.00 MF$ 0.65

PARTICIPATION IN THE DEVELOPMENT OF CADMIUM SULPHIDE SOLAR CELLS ON A FLEXIBLE SUPPORT.
N67-14340 10B S05 04 HC$ 3.00 MF$ 0.65

THIOPHENES, GAS CHROMATOGRAPHY
GAS CHROMATOGRAPHIC SEPARATION OF ISOMERIC BITHIENYLS, TERTHIENYL, AND CHLOROTHIOPHENES.
AD-645 595 7C U67 05

THORAX, ELASTICITY
FORZA ELASTICA PASSIVA DELLA GABBIA TORACICA (PASSIVE ELASTIC FORCE OF THE THORACIC CAGE).

AD-645 316 6P U67 05

THORIUM, RADIOACTIVE ISOTOPES
SURVEY OF SOURCES OF IONIUM (THORIUM-230),
MLM-1349 8G N21 02 HC$ 3.00 MF$ 0.65

THREE-BODY PROBLEM
CONCERNING THE SERIES OF WORKS BY R. VERNIC ON THE REGULARIZATION AND THE PERIODICAL SOLUTIONS OF THE PROBLEM OF THREE BODIES,
N67-13930 3C S05 04 HC$ 3.00 MF$ 0.65

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ON THE PROBABILITY OF CAPTURE IN THE THREE BODY PROBLEM,
N67-13642 3B S05 04 HC$ 3.00 MF$ 0.65

THRESHOLD
THRESHOLD STUDY OF PHASE LOCK LOOP SYSTEMS INTERIM TECHNICAL REPORT,
N67-14240 9C S05 04 HC$ 3.00 MF$ 0.65

THRUST VECTOR CONTROL SYSTEMS, SATELLITE ATTITUDE
DETERMINATION OF GAS FLOW PARAMETERS FROM PROPANE ATTITUDE CONTROL JETS, AND THEIR EFFECT ON SATELLITE OPTICAL SENSORS AND TELESCOPES,
AD-645 192 22A U67 05 HC$ 3.00 MF$ 0.65

THULIUM, NUCLEAR ENERGY LEVELS
ROTATIONAL BANDS ON TWO-PARTICLE CONFIGURATIONS WITH KN E KP E 1/2,
AD-645 398 20H U67 05

THUNDERSTORMS, ATMOSPHERIC MOTION
NOTES ON THUNDERSTORM MOTIONS, HEIGHTS, AND CIRCULATIONS,
AD-644 899 4B U67 05 HC$ 3.00 MF$ 0.65

THYROXINE, SECRETION
PITUITARY-THYROID RESPONSE TO COLD EXPOSURE IN THE RAT,
AD-644 914 6S U67 05

TICKS, BIRDS
EVALUATION OF THE ROLE PLAYED BY WILD BIRDS IN FEEDING AND TRANSPORTATION OF IXODID TICKS IN CRIMEA,
AD-644 995 6C U67 05 HC$ 3.00 MF$ 0.65

TICKS, DISEASE VECTORS
STUDY OF THE ROLE OF TICKS OF THE GENERA DERMACENTOR AND HAEMAPHYSALIS IN TRANSMISSION OF BRUCELLOSIS,
AD-644 973 6C U67 05 HC$ 3.00 MF$ 0.65

DATA ON EPIDEMIOLOGICAL PROGNOSIS OF OMSK HEMMORRHAGIC FEVER,
AD-644 974 6C U67 05 HC$ 3.00 MF$ 0.65

STUDY OF THE POSSIBLE ROLE OF IXODID TICKS AS RESERVOIRS AND VECTORS OF PLAGUE MICROBES,
AD-644 994 6C U67 05 HC$ 3.00 MF$ 0.65

ON THE QUESTION OF DISTRIBUTION AND NUMBERS OF IXODID TICKS ON MARMOTS IN KIRGIZIA,
AD-644 997 6C U67 05 HC$ 3.00 MF$ 0.65

COMPARATIVE DATA ON INFECTION OF TICKS OF THE GENUS DERMACENTOR WITH BRUCELLEAE,
AD-644 998 6C U67 05 HC$ 3.00 MF$ 0.65

ON THE TIME OF PRESERVATION OF AVIAN SPIROCHETES IN THE BODY OF HUNGRY ARGAS PERSICUS (OKEN, 1818) TICKS,
AD-645 003 6C U67 05 HC$ 3.00 MF$ 0.65

PARTICIPATION OF BIRDS OF THE FAMILY EMBERIZIDAE IN THE CIRCULATION OF TICK-BORNE ENCEPHALITIS VIRUS,
AD-645 005 6C U67 05 HC$ 3.00 MF$ 0.65

USE OF KINETIC REACTIONS OF HEMAGGLUTINATION INHIBITION FOR STUDIES OF VIRUS STRAINS IN TICK-BORNE ENCEPHALITIS,
AD-645 006 6C U67 05 HC$ 3.00 MF$ 0.65

SEROLOGICAL IDENTIFICATION OF ASTRAKHAN VIRUS RECOVERED FROM TICKS,
AD-645 007 6C U67 05 HC$ 3.00 MF$ 0.65

ISOLATION OF ONE MORE ARBOVIRUS IN THE KEMEROVO REGION FROM THE BLOOD OF A SICK CHILD BITTEN BY A TICK,
AD-645 008 6C U67 05 HC$ 3.00 MF$ 0.65

ISOLATION AND STUDY OF PECULIAR VIRUS RECOVERED FROM HYALOMMA P. PLUMBEUM AND FROM THE BLOOD OF A FEBRILE PATIENT IN THE ASTRAKHAN REGION,
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INVESTIGATION OF NORTH-ASIATIC (SIBERIAN) RICKETTSIOSIS IN DERMACENTOR NUTTALLI TICKS COLLECTED IN ONE OF THE KRASNOJARSK REGION FOCI,
AD-645 012 6C U67 05 HC$ 3.00 MF$ 0.65

THE PART PLAYED BY BIRDS IN CIRCULATION OF TICK-BORNE ENCEPHALITIS VIRUS,
AD-645 013 6C U67 05 HC$ 3.00 MF$ 0.65

HEMORRHAGIC FEVER IN SOUTHERN LOCALITIES OF KAZAKHSTAN,
AD-645 015 6E U67 05 HC$ 3.00 MF$ 0.65

TICKS, ECOLOGY
ON THE TICK FAUNA (PARASITIFORMES, IXODIDAE) INFESTING TERRESTRIAL VERTEBRATES IN THE VICINITY OF LAKE ISSYK-KUL,
AD-644 999 6C U67 05 HC$ 3.00 MF$ 0.65

STUDY OF NATURAL FOCI OF TICK RICKETTSIOSIS IN SOUTHWESTERN KIRGIZIA,
AD-645 000 6C U67 05 HC$ 3.00 MF$ 0.65

IXODOIDEA TICKS OF ALMA-ATA FOCUS OF TICK-BORNE ENCEPHALITIS,
AD-645 011 6C U67 05 HC$ 3.00 MF$ 0.65

TICKS, LARVAE
DESCRIPTION OF THE LARVA OF HAEMAPHYSALIS PAVLOVSKYI POSPELOVA-SHTROM,
AD-645 001 6C U67 05 HC$ 3.00 MF$ 0.65

TICKS, LIFE CYCLE
WINTER PARASITISM OF IXODID TICKS ON DOMESTIC ANIMALS IN OMSK OBLAST,
AD-644 972 6C U67 05 HC$ 3.00 MF$ 0.65

TICKS, MORPHOLOGY(BIOLOGY)
HAEMAPHYSALIS WANBURTONI AS A NEW FORM OF TICK IN RUMANIA,
AD-645 010 6C U67 05 HC$ 3.00 MF$ 0.65

TIME SERIES ANALYSIS, EXPONENTIAL FUNCTIONS
EXPONENTIAL SMOOTHING FOR MULTIVARIATE TIME SERIES,
AD-644 943 12A U67 05

TIME SERIES ANALYSIS, FOURIER ANALYSIS
SPECTRAL ANALYSIS,
PB-173 814 12A U67 05 HC$ 3.00 MF$ 0.65

TIME SHARING, OPERATION
THE DEVELOPMENT OF THE SDC SYSTEM 360 TIME-SHARING SYSTEM,
AD-645 439 9B U67 05 HC$ 3.00 MF$ 0.65

TIMING
A COMPUTER AIDED OPTIMIZATION TECHNIQUE FOR DIGITAL SYSTEMS TIMING,
N67-14259 9B S05 04 HC$ 3.00 MF$ 0.65

TIMING APPARATUS
SOLID-STATE WIDE-RANGE LOW POWER CAMERA TIMER FOR SPACE APPLICATIONS,
N67-14101 14E S05 04 HC$ 3.00 MF$ 0.65

TIN COMPOUNDS, ELECTRON SPIN RESONANCE
ESR OF FREE RADICALS TRAPPED IN INERT MATRICES AT LOW TEMPERATURE CH3, SIH3, GEH3, AND SNH3,
AD-645 350 20 U67 05

TISSUE CULTURE CELLS, FREEZING
FROZEN REPOSITORY OF EXPERIMENTAL AND DEVELOPMENT CELL LINES, PART A, DEVELOPMENT, GROWTH AND CHARACTERIZATION OF TUMOR AND TRANSFORMED CELL LINES,
PB-173 867 6M U67 05 HC$ 3.00 MF$ 0.65

TISSUES(BIOLOGY), FREEZE DRYING
FASCIA DEFECTS HOMOPLASTIC REPAIR WITH FROZEN AND LYOPHILIZED FASCIA,
AD-645 566 6E U67 05 HC$ 3.00 MF$ 0.65

TITANIUM ALLOY
INVESTIGATION OF MECHANICAL PARAMETERS IN HOT ROLLING,
N67-13838 11F S05 04 HC$ 3.00 MF$ 0.65

TITANIUM COMPOUNDS, CARBIDES
RESEARCH TO DETERMINE THE MECHANISMS CONTROLLING THE BRITTLE DUCTILE BEHAVIOR OF REFRACTORY CUBIC CARBIDES,
AD-463 115 11B U67 05 HC$ 3.00

TOPOLOGY, THEOREMS
APPLICATION OF THE POINCARE-BENDIXSON THEOREM,
AD-645 237 12A U67 05

TORQUE MOTOR
A TORQUE MOTOR SERVOMOTATOR FOR VESTIBULAR APPLICATION,
N67-13917 6B S05 04 HC$ 3.00 MF$ 0.65

TOXINS + ANTITOXINS, TRACER STUDIES
A RADIOBIOASSAY FOR STAPHYLOCOCCAL ENTEROTOXIN B ANTITOXIN,
AD-645 405 6T U67 05

TRACKING, ACCURACY
BEARING AND RANGE ACCURACY OBTAINED BY TRACKING SIMULATED TARGETS WITH THE UNAIDED JOYSTICK -- MARKER CONTROL MECHANISM ON THE EXPERIMENTAL TARGET DESIGNATION EQUIPMENT,
AD-644 963 9E U67 05 HC$ 3.00 MF$ 0.65

TRACKING, PERFORMANCE(HUMAN)
VISUAL-MOTOR PERFORMANCE DURING WHOLE-BODY VIBRATION,
AD-496 271 9J U67 05 HC$ 3.00

TRAFFIC, OPERATIONS RESEARCH
A SIMPLE RENEWAL MODEL OF THROUGHPUT AT AN OVERSATURATED SIGNALIZED INTERSECTION,
AD-645 434 12B U67 05 HC$ 3.00 MF$ 0.65

TRAFFIC, SIGNAL LIGHTS
SIGOP TRAFFIC SIGNAL OPTIMIZATION PROGRAM,
PB-173 738 13B U67 05 HC$ 3.00 MF$ 0.65

TRAILING EDGE
LAMINAR INCOMPRESSIBLE LEADING AND TRAILING EDGE FLOWS AND THE NEAR WAKE REAR STAGNATION POINT,
N67-14109 1A S05 04 HC$ 3.00 MF$ 0.65

TRAINING DEVICES, CLOSED CIRCUIT TELEVISION
COLOR SIGNAL SOURCE FOR VISUAL SIMULATION,
AD-645 140 17B U67 05 HC$ 3.00 MF$ 0.65

TRAINING DEVICES, COMPUTERS

COMPUTER AUGMENTED LEARNING,
AD-645 121 51 U67 05 HC$ 3.00 MF$ 0.65

TRAINING DEVICES, CONTROL SYSTEMS
EVALUATION OF SOLID STATE DEVICES FOR CONTROL CIRCUITS OF TARGET HOLDING MECHANISM, TRAINFIRE, M31A1,
AD-645 267 9E U67 05 HC$ 3.00 MF$ 0.65

TRAINING DEVICES, EFFECTIVENESS
EVALUATION PROCEDURE FOR TRAINING AIDS AND DEVICES (1953 FORM),
AD-645 167 51 U67 05 HC$ 3.00 MF$ 0.65

TRANQUILIZERS, TOXICITY
RESEARCH AND REPORTS ON EFFECTS OF ALCOHOL AND DRUGS ON RATS UNDER AMBIENT AND LOW TEMPERATURES MEASURED BY AVOIDANCE RESPONSE,
AD-477 488 6O U67 05 HC$ 3.00 MF$ 0.65

TRANSFER FUNCTION
DYNAMIC BEHAVIOR OF JET ENGINES WITH AIR EXTRACTION BEHIND THE COMPRESSOR,
N67-13791 21E S05 04 HC$ 3.00 MF$ 0.65

TRANSFER TRAJECTORIES, OPTIMIZATION
MINIMUM-FUEL IMPULSES FOR SPACE TRAJECTORIES,
AD-645 443 22C U67 05

TRANSFORMATIONS(MATHEMATICS), ALGORITHMS
MULTISTEP INTEGER-PRESERVING GAUSSIAN ELIMINATION,
ANL-7213 12A N21 02 HC$ 3.00 MF$ 0.65

TRANSFORMERS, IMPEDANCE MATCHING
VARIABLE AIR TRANSFORMER FOR IMPEDANCE MATCHING,
AD-645 412 9A U67 05

TRANSIENT RESPONSE
TAU USER'S MANUAL,
N67-14252 9E S05 04 HC$ 3.00 MF$ 0.65

TRANSISTORS, OPERATION
EFFECTS OF DIFFUSION CURRENT ON CHARACTERISTICS OF METAL-OXIDE (INSULATOR)-SEMICONDUCTOR TRANSISTORS,
AD-644 951 9A U67 05

TRANSISTORS, SILICON
TRANSISTOR, VHF SILICON POWER (5W),
AD-431 117 9A U67 05 HC$ 3.00

TRANSONIC FLOW
THE CALCULATION OF FLOW IN A PLANE LAVAL NOZZLE,
N67-13834 20D S05 04 HC$ 3.00 MF$ 0.65

TRANSPLANTATION, LUNGS
EARLIEST ATTEMPTS AT SURGICAL TREATMENT OF BRONCHIAL ASTHMA WITH THE METHOD OF PULMONARY AUTOGRAFTS,
AD-645 567 6E U67 05 HC$ 3.00 MF$ 0.65

TRANSPLANTATION, SURGICAL TECHNIQUES
FASCIA DEFECTS HOMOPLASTIC REPAIR WITH FROZEN AND LYOPHILIZED FASCIA,
AD-645 566 6E U67 05 HC$ 3.00 MF$ 0.65

TRANSPONDERS, ACOUSTIC EQUIPMENT
AN ACOUSTIC TRANSPONDER SYSTEM,
AD-645 410 17A U67 05

TRANSPORT PLANES, DESIGN
A REPORT ON RESEARCH DIRECTED TOWARD THE DESIGN, DEVELOPMENT, CONSTRUCTION, AND TESTING OF AERODYNAMIC CAVITIES .
AD-645 363 1C U67 05 HC$ 3.00 MF$ 0.65

TRANSPORT PROPERTIES, LIQUIDS
THEORETICAL AND EXPERIMENTAL STUDIES IN CHEMICAL PHYSICS,
AD-645 485 7D U67 05 HC$ 3.00 MF$ 0.65

TRANSPORTATION, ABSTRACTS
PROTECTIVE STRUCTURES AND COMPONENTS COMPILATION OF ABSTRACTS,
AD-645 029 18A U67 05 HC$ 3.00 MF$ 0.65

TRANSPORTATION, CARGO
INTERMODAL FREIGHT TRANSPORTATION COORDINATION PROBLEMS AND POTENTIAL,
PB-173 862 13E U67 05 HC$ 3.00 MF$ 0.65

TRANSURANIUM ELEMENTS, PROCESSING
TRANSURANIUM QUARTERLY PROGRESS REPORT FOR PERIOD ENDING OCTOBER 31, 1965,
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TRUSS
STRUCTURAL OPTIMIZATION WITH PROBABILITY OF FAILURE CONSTRAINT,
N67-13720 20K S05 04 HC$ 3.00 MF$ 0.65

TUNGSTEN
THERMIONIC EMISSION FROM PLANAR MONOCRYSTALLINE TUNGSTEN,
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TUNGSTEN ALLOYS, DUCTILITY
PROPERTY CHARACTERIZATION OF A DUCTILE, TUNGSTEN-BASE SHEET ALLOY,
AD-645 143 11F U67 05 HC$ 3.00 MF$ 0.65

TUNGSTEN, CHEMISORPTION
CHEMISORPTION ON SINGLE CRYSTAL PLANES,
AD-645 392 7D U67 05

TUNNELING(ELECTRONICS), PHOTONS
PHOTON-ASSISTED MAGNETOTUNNELING IN PARALLEL AND CROSSED FIELDS,
AD-645 036 20L U67 05

TUNNELING(ELECTRONICS), SUPERCONDUCTORS
PERSISTENT CURRENTS IN SUPERCONDUCTING RINGS CONTAINING JOSEPHSON JUNCTIONS,
AD-644 992 20C U67 05 HC$ 3.00 MF$ 0.65

TUNNELING(ELECTRONICS), TUNNEL DIODES
ELECTRICAL TRANSPORT IN NGE-PGAAS HETEROJUNCTIONS,
AD-645 320 9A U67 05

TURBINE BLADES, VIBRATION
THE VIBRATION OF BLADES IN AXIAL TURBOMACHINERY, PART I, THEORY AND PRACTICE OF DESIGN AND DEVELOPMENT,
AD-645 136 21E U67 05 HC$ 3.00 MF$ 0.65

THE VIBRATION OF BLADES IN AXIAL TURBOMACHINERY, PART II, DESIGN AND DEVELOPMENT HANDBOOK,
AD-645 137 21E U67 05 HC$ 3.00 MF$ 0.65

TURBINE ENGINE
COLD-AIR INVESTIGATION OF A TURBINE FOR HIGH-TEMPERATURE-ENGINE APPLICATION,
N67-13719 21E S05 04 HC$ 3.00 MF$ 0.65

TURBINES, REFRIGERATION SYSTEMS
A COLD-MODERATOR REFRIGERATOR INCORPORATING A HIGH-SPEED TURBINE EXPANDER,
PB-173 781 18I U67 05 HC$ 3.00 MF$ 0.65

TURBOJET ENGINE
DYNAMIC BEHAVIOR OF JET ENGINES WITH AIR EXTRACTION BEHIND THE COMPRESSOR,
N67-13791 21E S05 04 HC$ 3.00 MF$ 0.65

TURBULENCE
WEAK LOCALLY HOMOGENEOUS TURBULENCE AND HEAT TRANSFER WITH UNIFORM NORMAL STRAIN,
N67-14104 20D S05 04 HC$ 3.00 MF$ 0.65

TURBULENCE, NOISE
TURBULENCE MEASUREMENTS RELEVANT TO JET NOISE,
AD-645 322 20A U67 05 HC$ 3.00 MF$ 0.65

TURBULENT BOUNDARY LAYER
HEAT-TRANSFER MEASUREMENTS ON A FLAT PLATE WITH ATTACHED PROTUBERANCES IN A TURBULENT BOUNDARY LAYER AT MACH NUMBERS OF 2.49, 3.51, AND 4.44,
N67-13460 20M S05 04 HC$ 3.00 MF$ 0.65

TURBULENT FLOW
LAWS OF TURBULENT FLOW IN SMOOTH PIPES,
N67-13837 20D S05 04 HC$ 3.00 MF$ 0.65

ULTRASONIC PROPERTIES, PULSE SYSTEMS
PULSE APPARATUS FOR THE MEASUREMENT OF ULTRASONIC ABSORPTION IN SOLUTIONS FROM 1 TO 60 MC,
AD-645 305 /D U67 05

ULTRASONIC RADIATION, ABSORPTION
PULSE APPARATUS FOR THE MEASUREMENT OF ULTRASONIC ABSORPTION IN SOLUTIONS FROM 1 TO 60 MC,
AD-645 305 /D U67 05

ULTRASONIC RADIATION, CHEMISTRY
ULTRASONICS IN CHEMISTRY,
AD-645 270 /D U67 05

ULTRASONIC RADIATION, NON-DESTRUCTIVE TESTING
THE MEASUREMENT OF SOUND VELOCITIES IN AN ELASTIC PROPERTIES OF SOLID MATERIALS BY ULTRASONICS AN AUTOMATIC METHOD,
ATI-104 889 14B U67 05 HC$ 3.00

ULTRASONIC WELDING, CARTRIDGES
IMPROVED CARTRIDGE DESIGN - ULTRASONIC WELDING,
AD-645 273 19A U67 05 HC$ 3.00 MF$ 0.65

UNDERGROUND EXPLOSIONS, NUCLEAR INDUSTRIAL APPLICATIONS
UNDERGROUND NUCLEAR EXPLOSIONS, PROBLEMS OF INDUSTRIAL NUCLEAR EXPLOSIONS,
AEC-TR-6777 18C N21 02 HC$ 3.00 MF$ 0.65

UNDERGROUND STRUCTURES, BLAST
MOTION OF SUBSURFACE SOIL INCLUSIONS SUBJECTED TO SURFACE BLAST LOADING - RESULTS OF SERIES III TESTS,
AD-645 179 18C U67 05 HC$ 3.00 MF$ 0.65

UNDERWATER EQUIPMENT, RECOVERY
RECOVERY OF SUBMERSIBLE TEST UNIT 1-1,
AD-475 041 8J U67 05 HC$ 3.00

UNDERWATER SOUND, PACIFIC OCEAN
ACOUSTIC TRANSMISSION IN AN OCEAN SURFACE DUCT,
AD-645 297 20A U67 05 HC$ 3.00 MF$ 0.65

UNDERWATER TRACKING, TRANSPONDERS
AN ACOUSTIC TRANSPONDER SYSTEM,
AD-645 410 17A U67 05

UNIVERSITIES, ASTRONOMICAL OBSERVATORIES
UNIVERSITY OF FLORIDA RADIO OBSERVATORY,
AD-645 272 5A U67 05

UNIVERSITY PROGRAM
REPORTS ON HYBRID-COMPUTER HARDWARE,
N67-13601 9B S05 04 HC$ 3.00 MF$ 0.65

UPPER ATMOSPHERE, ATMOSPHERIC SOUNDING
ATMOSPHERIC ABSORPTIONS OVER LONG SLANT PATHS IN THE

STRATOSPHERE.
AD-645 542 4A U67 05 HC$ 3.00 MF$ 0.65

UPPER ATMOSPHERE, METEOROLOGICAL PARAMETERS
METEOROLOGICAL ROCKET NETWORK FIRINGS. INTERNATIONAL ROCKET INTERVAL SEPTEMBER 1960 FIRINGS.
AD-448 600 4B U67 05 HC$ 3,00

UPPER ATMOSPHERE, METEOROLOGY
METEOROLOGICAL ROCKET NETWORK FIRINGS. FALL 1960 FIRINGS.
AD-444 385 4B U67 05 HC$ 3,00

UPPER ATMOSPHERE, PROBES
REVIEW OF THE HIGH ALTITUDE RESEARCH PROGRAM (HARP),
AD-645 284 4A U67 05 HC$ 3.00 MF$ 0.65

UPPER ATMOSPHERE, SIMULATION
SIMULATION OF CHEMILUMINESCENT REACTION OF NITRIC OXIDE WITH ATOMIC OXYGEN IN A SUPERSONIC LOW DENSITY WIND TUNNEL, PART II,
AD-645 516 4A U67 05 HC$ 3.00 MF$ 0.65

UPPER ATMOSPHERE, SOUNDING ROCKETS
METEOROLOGICAL ROCKET NETWORK FIRINGS. SUMMER 1960 FIRINGS.
AD-449 617 4B U67 05 HC$ 3,00

METEOROLOGICAL ROCKET NETWORK FIRINGS. SPRING 1960 FIRINGS.
AD-449 618 4B U67 05 HC$ 3,00

URANIUM ALLOYS, PHASE STUDIES
PHASE STUDIES OF THE URANIUM-IRON-SILICON TERNARY SYSTEM WITH THE ELECTRON MICROPROBE,
MCW-1502 11F N21 02 HC$ 3,00 MF$ 0.65

PHASE STUDIES OF THE URANIUM-IRON-ALUMINUM TERNARY SYSTEM WITH THE ELECTRON MICROPROBE,
MCW-1503 11F N21 02 HC$ 3,00 MF$ 0.65

URANIUM ALLOYS, TRANSFORMATIONS
BETA-TO-ALPHA TRANSFORMATION CHARACTERISTICS OF SOME DILUTE URANIUM ALLOYS,
MCW-1506 18J N21 02 HC$ 3,00 MF$ 0.65

URANIUM COMPOUNDS, DIOXIDES
ELECTRICAL CONDUCTIVITY OF UO2, PART I. SINGLE CRYSTALS.
BNWL-296 11B N21 02 HC$ 3,00 MF$ 0.65

URANIUM COMPOUNDS, FLUORIDES
ELECTROLYTIC REDUCTION OF URANIUM HEXAFLUORIDE TO URANIUM METAL,
MCW-1497 7D N21 02 HC$ 3,00 MF$ 0.65

URANIUM, RADIOACTIVE WASTE
DETERMINATION DE L URANIUM CONTENU DANS DES EFFLUENTS D USINE DE TRAITEMENT DE MINERAIS (DETERMINATION OF THE URANIUM CONTENT IN TREATMENT PLANT EFFLUENTS),
PB-173 693 18G U67 05 HC$ 3,00 MF$ 0.65

URANIUM, RADIOACTIVITY
DESIGN OF A CRITICALLY SAFE 233 U BATCH DISSOLVER FOR BUILDING 3019,
ORNL-4029 18H N21 02 HC$ 3,00 MF$ 0.65

URANIUM, REDUCTION(CHEMISTRY)
ELECTROLYTIC REDUCTION OF URANIUM HEXAFLUORIDE TO URANIUM METAL,
MCW-1497 7D N21 02 HC$ 3,00 MF$ 0.65

URANIUM, SPECTROPHOTOMETERS
THE SPECTROPHOTOMETRIC DETERMINATION OF TRACE AMOUNTS OF URANIUM IN HIGH-PURITY PLUTONIUM METAL,
LA-3551 7D N21 02 HC$ 3,00 MF$ 0.65

URANIUM, SUPERCONDUCTIVITY
SUPERCONDUCTIVITY OF ALPHA-URANIUM AND THE ROLE OF 5F ELECTRONS,
AD-644 866 20C U67 05

URANUS
A SURVEY OF MISSIONS TO SATURN, URANUS, NEPTUNE, AND PLUTO,
N67-14253 22A S05 04 HC$ 3,00 MF$ 0.65

URBAN AREAS, FIRES
DESIGN OF TEST FOR SIMULATING URBAN AREA BURNS.
AD-645 466 13L U67 05 HC$ 3.00 MF$ 0.65

URBAN AREAS, MANAGEMENT ENGINEERING
MID-CHICAGO ECONOMIC DEVELOPMENT STUDY. VOLUME I. POLICIES AND PROGRAMS, ECONOMIC DEVELOPMENT OF MID-CHICAGO.
PB-173 842 9C U67 05 HC$ 3,00 MF$ 0.65

MID-CHICAGO ECONOMIC DEVELOPMENT STUDY. VOLUME II. TECHNICAL ANALYSIS AND FINDINGS, ECONOMIC DEVELOPMENT OF MID CHICAGO.
PB-173 843 9C U67 05 HC$ 3,00 MF$ 0.65

MID-CHICAGO ECONOMIC DEVELOPMENT STUDY. VOLUME III. TECHNICAL SUPPLEMENT, ECONOMIC DEVELOPMENT OF MID-CHICAGO.
PB-173 844 9C U67 05 HC$ 3,00 MF$ 0.65

URBAN AREAS, TRAFFIC
SIGOP TRAFFIC SIGNAL OPTIMIZATION PROGRAM.
PB-173 738 13B U67 05 HC$ 3,00 MF$ 0.65

URBAN AREAS, URBAN PLANNING
A FRAMEWORK FOR AN ANALYSIS OF RESIDENTIAL LOCATION.
AD-645 436 9K U67 05 HC$ 3,00 MF$ 0.65

URBAN AREAS, VULNERABILITY
PARAMETERS GOVERNING URBAN VULNERABILITY TO FIRE FROM NUCLEAR BURSTS (PHASE I).
AD-645 051 13L U67 05 HC$ 3,00 MF$ 0.65

URBAN PLANNING, SYSTEMS ENGINEERING
A FRAMEWORK FOR AN ANALYSIS OF RESIDENTIAL LOCATION.
AD-645 436 9K U67 05 HC$ 3.00 MF$ 0.65

UTILITY PLANES, FLIGHT TESTING
TURBINE-DRIVEN NU-8F LIAISON TEST BED.
AD-645 216 1C U67 05 HC$ 3.00 MF$ 0.65

V PARTICLES, NUCLEAR BINDING ENERGY
ENERGY SPECTRUM OF CHARGED PIONS FROM K- CAPTURES IN CF3BR.
AD-644 890 20M U67 05

VACCINES, PREPARATION
RESEARCH AND DEVELOPMENT OF RS, RHINOVIRUS, AND MYCOPLASMA PNEUMONIAE VACCINES.
PB-173 877 6M U67 05 HC$ 3.00 MF$ 0.65

VACCINES, RESPIRATORY DISEASES
EXPERIMENTAL RESPIRATORY DISEASE VACCINE STUDIES IN SEVERAL POPULATIONS.
PB-173 883 6E U67 05 HC$ 3.00 MF$ 0.65

VACCINES, RUBELLA
RESEARCH AND DEVELOPMENT OF ATTENUATED AND INACTIVATED RUBELLA VACCINES.
PB-173 888 6M U67 05 HC$ 3.00 MF$ 0.65

STUDIES OF THE PREPARATION OF RUBELLA VIRUS VACCINE AND RUBELLA HYPERIMMUNE GAMMA GLOBULIN.
PB-173 889 6M U67 05 HC$ 3.00 MF$ 0.65

VACUUM SYSTEM
HELIUM MASS-SPECTROMETER LEAK DETECTION,
N67-14285 01A S05 04 HC$ 3.00 MF$ 0.65

VACUUM, LIGHT
LIGHT MEASUREMENTS IN VACUUM GAPS,
AD-645 301 20F U67 05 HC$ 3.00 MF$ 0.65

VANADIUM ALLOYS, GALLIUM ALLOYS
MEASUREMENT OF THE UPPER CRITICAL FIELD OF VANADIUM-GALLIUM ALLOYS,
AD-645 037 11F U67 05

VANADIUM ALLOYS, SPECIFIC HEAT
LOW TEMPERATURE SPECIFIC HEAT STUDY OF THE APPLICABILITY OF THE RIGID MODEL FOR THE 3D BAND IN B.C.C. ALLOYS OF TRANSITION METALS.
AD-645 193 20M U67 05

VAPOR DEPOSITION
INTERMOLECULAR BONDING OF VARIOUS METALS AND ALLOYS BY THERMOCHEMICAL VAPOR DEPOSITION FINAL REPORT, 15 APR. 1965 - 31 OCT. 1966.
N67-13671 11F S05 04 HC$ 3.00 MF$ 0.65

VAPORIZATION
EXTRATERRESTRIAL RELIQUEFACTION OF CRYOGENIC PROPELLANTS FINAL REPORT, MAY 1964 - DEC. 1965.
N67-13672 21I S05 04 HC$ 3.00 MF$ 0.65

VAPORS, CHEMISTRY
CHEMICAL PROPERTIES OF LABILE SPECIES.
AD-645 534 7B U67 05 HC$ 3.00 MF$ 0.65

VARIABLE CAPACITORS, SEMICONDUCTOR DEVICES
STUDY OF THE PROPERTIES OF VARIABLE CAPACITANCE SEMICONDUCTOR DEVICES.
AD-645 299 9A U67 05 HC$ 3.00 MF$ 0.65

VARIATION METHOD
BEAMS, PLATES AND SHELLS ON ELASTIC FOUNDATIONS.
N67-14238 20K S05 04 HC$ 3.00 MF$ 0.65

VENOMS, IMMUNE SERUMS
AN IMMUNE SERUM AGAINST THE NORTH AMERICAN CORAL SNAKE (MICRURUS FULVIUS FULVIUS) VENOM OBTAINED BY PHOTOOXIDATIVE DETOXIFICATION.
AD-645 108 6T U67 05 HC$ 3.00 MF$ 0.65

VENTILATION
THE AIR VENTILATED SUIT - FURTHER EXPERIMENTS BY TWO DIFFERENT METHODS TO STUDY THE GAIN IN THERMAL INSULATION DUE TO AIR FLOW THROUGH THE MATERIAL.
N67-13650 15E S05 04 HC$ 3.00 MF$ 0.65

VENUS(PLANET), MODELS(SIMULATIONS)
CONDITIONS ON THE PLANET VENUS,
AD-645 257 3B U67 05

VENUS(PLANET), SURFACE TEMPERATURES
A NEW ESTIMATE OF THE SURFACE TEMPERATURES OF VENUS.
AD-645 256 3B U67 05

VERBAL BEHAVIOR, MEMORY
CODING ASSOCIATIONISTIC OR ORGANIZATIONAL,
AD-645 491 5J U67 05

VESTIBULAR APPARATUS
HISTOPATHOLOGY OF THE CHIMPANZEE EAR FINAL TECHNICAL REPORT, 1 MAR. 1964 - 31 DEC. 1965.
N67-13673 6S S05 04 HC$ 3.00 MF$ 0.65

EFFECT OF IONIZING RADIATION ON THE FUNCTIONING OF THE VESTIBULAR ANALYZER.
N67-13790 6R S05 04 HC$ 3.00 MF$ 0.65

A TORQUE MOTOR SERVOROTATOR FOR VESTIBULAR APPLICATION.
N67-13917 6B S05 04 HC$ 3.00 MF$ 0.65

VIBRATION TESTING
THE GLOBAL METHOD - PRINCIPLE AND APPLICATION TO VIBRATION PROBLEMS.
N67-14196 20K S05 04 HC$ 3,00 MF$ 0.65

VIBRATION, PERTURBATION THEORY
PERTURBATIONS OF NORMAL MODE VIBRATIONS,
AD-645 578 20K U67 05

VIBRATION, PSYCHOPHYSIOLOGY
VISUAL-MOTOR PERFORMANCE DURING WHOLE-BODY VIBRATION,
AD-456 271 5J U67 05 HC$ 3,00

VIBRATION, RAILROAD TRACKS
AERIAL STRUCTURE NOISE AND VIBRATION MEASUREMENTS,
PB-173 898 13F U67 05 HC$ 3,00 MF$ 0.65

VIRUS DISEASES, ETIOLOGY
ISOLATION AND STUDY OF PECULIAR VIRUS RECOVERED FROM HYALOMMA P. PLUMBEUM AND FROM THE BLOOD OF A FEBRILE PATIENT IN THE ASTRAKHAN REGION,
AD-645 009 6M U67 05 HC$ 3,00 MF$ 0.65

VIRUS DISEASES, SPLEEN
ROLE OF THE SPLEEN IN INTERFERON PRODUCTION IN MICE,
AD-645 515 6M U67 05

VIRUSES, GROWTH
VIRUS GROWTH - GENE REPRESSION HYPOTHESIS OF RADIATION PROTECTION BY AUXIN ANALOGUES,
AD-644 987 6A U67 05 HC$ 3,00 MF$ 0.65

VIRUSES, IMMUNE SERUMS
RHINOVIRUS REFERENCE LABORATORY, NIAID COLLABORATIVE PROGRAM,
PB-173 886 6M U67 05 HC$ 3,00 MF$ 0.65

VIRUSES, PHOTOSENSITIVITY(BIOLOGICAL)
PHOTOSENSITIZATION OF AN ACTINOPHAGE BY HETEROANTHRACENES,
AD-645 533 6M U67 05

VIRUSES, RESPIRATORY DISEASES
RESEARCH AND DEVELOPMENT OF RS, RHINOVIRUS, AND MYCOPLASMA PNEUMONIAE VACCINES,
PB-173 877 6M U67 05 HC$ 3,00 MF$ 0.65

VIRUSES, SERODIAGNOSIS
SEROLOGICAL IDENTIFICATION OF ASTRAKHAN VIRUS RECOVERED FROM TICKS,
AD-645 007 6C U67 05 HC$ 3,00 MF$ 0.65

VISCOUS FLUID
AN ANALYSIS OF CONFINED MAGNETOHYDRODYNAMIC VORTEX FLOWS,
N67-13420 20I S05 04 HC$ 3,00 MF$ 0.65

VISIBLE SPECTRUM
A METHOD OF SLITLESS ABSOLUTE SPECTRAL PHOTOMETRY,
N67-14103 14E S05 04 HC$ 3,00 MF$ 0.65

VISION, AGING(PHYSIOLOGY)
PILOT VISION CONSIDERATIONS THE EFFECT OF AGE ON BINOCULAR FUSION TIME,
AD-645 495 6P U67 05 HC$ 3,00 MF$ 0.65

VISION, MEDICAL EXAMINATION
A HOMOGENEOUS FIELD FOR LIGHT ADAPTATION,
AD-645 497 6P U67 05 HC$ 3,00 MF$ 0.65

VISION, PIGEONS
CONCERNING THE INTER-HEMISPHERIC TRANSFER OF MIRROR-IMAGE PATTERNS IN PIGEON,
AD-644 894 6C U67 05

VISUAL PERCEPTION
ADAPTATION TO VISUAL AND NONVISUAL REARRANGEMENT,
N67-14219 5H S05 04 HC$ 3,00 MF$ 0.65

VISUAL SIGNALS, PERCEPTION(PSYCHOLOGY)
CROSS-MODAL CORRELATIONS OF THE PERCEIVED DURATIONS OF AUDITORY AND VISUAL STIMULI,
AD-645 076 5J U67 05

VLASOV EQUATION
BEAMS, PLATES AND SHELLS ON ELASTIC FOUNDATIONS,
N67-14238 20K S05 04 HC$ 3,00 MF$ 0.65

VOICE COMMUNICATION SYSTEMS, SPEECH RECOGNITION
SPEAKER RECOGNITION, SPEECH CHARACTERISTICS, SPEECH EVALUATION, AND MODIFICATION OF SPEECH SIGNAL, A SELECTED BIBLIOGRAPHY,
AD-645 074 17B U67 05

VOLUME
EXTRAPOLATION OF EXPERIMENTAL THERMAL DATA TO HIGH PRESSURES,
N67-13789 20M S05 04 HC$ 3,00 MF$ 0.65

VORTEX FLOW
AN ANALYSIS OF CONFINED MAGNETOHYDRODYNAMIC VORTEX FLOWS,
N67-13420 20I S05 04 HC$ 3,00 MF$ 0.65

VORTICES, PROBES
A FACILITY FOR THE INVESTIGATION OF A GAS-DRIVEN LIQUID VORTEX,
PB-173 762 14B U67 05 HC$ 3,00 MF$ 0.65

VORTICES, SUPERCONDUCTORS
LIFETIME OF VORTEX PAIRS IN SUPERCONDUCTORS,
AD-644 958 20C U67 05

VTOL AIRCRAFT
PILOT BEHAVIOUR IN VTOL AIRCRAFT,
N67-13399 05H S05 04 HC$ 3,00 MF$ 0.65

THE CONTROL MOVEMENT DISTRIBUTION FOR THE DO 31 HOVERING RIG,
N67-13480 1D S05 04 HC$ 3,00 MF$ 0.65

WAKE, SUPERSONIC FLOW
THE FLOW FIELD IN THE TURBULENT SUPERSONIC NEAR WAKE BEHIND A TWO-DIMENSIONAL WEDGE-FLAT PLATE MODEL,
AD-645 219 20D U67 05 HC$ 3,00 MF$ 0.65

WAREHOUSES, INSECT CONTROL
DEVELOPMENT OF A SAFE, EFFECTIVE SPACE TREATMENT FOR NAVY SUBSISTENCE WAREHOUSES,
AD-645 295 6F U67 05 HC$ 3,00 MF$ 0.65

WASTES(INDUSTRIAL), RADIOLOGICAL CONTAMINATION
DETERMINATION DE L URANIUM CONTENU DANS DES EFFLUENTS D USINE DE TRAITEMENT DE MINERAIS (DETERMINATION OF THE URANIUM CONTENT IN TREATMENT PLANT EFFLUENTS),
PB-173 695 18G U67 05 HC$ 3,00 MF$ 0.65

WASTES(SANITARY ENGINEERING), DISPOSAL
POSTATTACK SANITATION, WASTE DISPOSAL, PEST AND VECTOR CONTROL AND THE EFFECTS OF FALLOUT IN WASTE WATER AND SEWER SYSTEMS,
AD-645 599 6R U67 05 HC$ 3,00 MF$ 0.65

WATER VAPOR
THE REACTION OF CARBON DIOXIDE AND FINELY DISPERSED CALCIUM OXIDE IN THE PRESENCE OF WATER VAPOR,
N67-13783 7B S05 04 HC$ 3,00 MF$ 0.65

WATER VAPOR, ELECTRON TRANSITIONS
INTENSITY VARIATION WITH SCATTERING ANGLE OF ELECTRONIC TRANSITIONS IN H2O EXCITED BY ELECTRON IMPACT,
AD-645 462 7D U67 05

WATER WAVES, DEFORMATION
OBSERVATIONS AND EXPERIMENTS ON SOLITARY WAVE DEFORMATION,
AD-645 086 8C U67 05 HC$ 3,00 MF$ 0.65

WATER WAVES, MATHEMATICAL ANALYSIS
LONG NON-LINEAR WAVES IN FLUID FLOWS,
AD-645 171 20D U67 05

WAVE FUNCTIONS, HYDROGEN
ON THE PERTURBATION OF THE ELECTRONIC WAVE FUNCTION OF ATOMIC HYDROGEN BY THE ELECTRIC FIELD OF A SOLID SURFACE,
AD-644 983 7D U67 05 HC$ 3,00 MF$ 0.65

WAVE FUNCTIONS, PERTURBATION THEORY
REMARKS ON THE USE OF APPROXIMATE WAVEFUNCTIONS FOR THE SECOND-ORDER PERTURBATION ENERGY,
AD-645 340 20H U67 05

WAVE FUNCTIONS, POTENTIAL SCATTERING
ANALYTICITY AS A USEFUL COMPUTATION TOOL,
AD-645 377 20J U67 05

WAVE TRANSMISSION, ACOUSTIC PROPERTIES
PROPOSED EXPERIMENTS FOR INVESTIGATING THE CHARACTERISTICS AND STABILITY OF ACOUSTIC TRANSMISSION PROPERTIES OF NORWEGIAN COASTAL WATERS,
AD-645 102 20A U67 05 HC$ 3,00 MF$ 0.65

WAVE TRANSMISSION, PERTURBATION THEORY
AXIALLY DEPENDENT PERTURBATION ANALYSIS USING NONLINEAR PHASE PROGRESSION MODIFICATIONS AND EXTENSIONS FOR GROSS PERTURBATIONS,
AD-645 084 20N U67 05 HC$ 3,00 MF$ 0.65

WAVEGUIDE SWITCHES, FERRITES
APPLICATIONS OF FERRITES TO FAST MICROWAVE SWITCHES,
AD-645 525 9A U67 05 HC$ 3,00 MF$ 0.65

WAVELENGTH
DEPENDENCE OF RELATIVE QUANTUM YIELD OF LUMINESCENCE OF ZN O ON LENGTH OF EXCITATION WAVE,
N67-13785 20L S05 04 HC$ 3,00 MF$ 0.65

WEAPON SYSTEMS, COSTS
MILITARY SYSTEMS COST ANALYSIS (A SUMMARY LECTURE FOR THE AFSC COST ANALYSIS COURSE),
AD-459 444 15C U67 05 HC$ 3,00

WEAPON SYSTEMS, EFFECTIVENESS
WEAPON SYSTEM EFFECTIVENESS INDUSTRY ADVISORY COMMITTEE TASK GROUP VI,
AD-467 816 5A U67 05 HC$ 3,00 MF$ 0.65

WEAPONS, INFANTRY
EVOLUTION OF THE US ARMY INFANTRY MORTAR SQUAD THE ARGONNE TO PLEIKU,
AD-645 100 19F U67 05 HC$ 3,00 MF$ 0.65

WEATHER FORECASTING, JAPAN
THE PROBLEMS OF FOG AND STRATUS FORECASTING AT MISAWA AB, JAPAN,
AD-645 088 4B U67 05 HC$ 3,00 MF$ 0.65

WEATHER FORECASTING, METEOROLOGICAL BALLOONS
METEOROLOGICAL ASPECTS OF CONSTANT-LEVEL BALLOON OPERATIONS IN THE SOUTHWESTERN UNITED STATES,
AD-644 895 4B U67 05 HC$ 3,00 MF$ 0.65

WEATHER FORECASTING, SOUTH KOREA
FORECASTING LOW LEVEL TURBULENCE FOR LIGHT AIRCRAFT,
AD-645 091 4B U67 05 HC$ 3,00 MF$ 0.65

WEATHER FORECASTING, THAILAND
OBJECTIVE METHOD TO FORECAST LOW MORNING VISIBILITIES AT UBON, THAILAND-(JAN-MAR).
AD-645 090 4B U67 05 HC$ 3,00 MF$ 0.65

WEDGES, WAKE
THE FLOW FIELD IN THE TURBULENT SUPERSONIC NEAR WAKE BEHIND A TWO-DIMENSIONAL WEDGE-FLAT PLATE MODEL.
AD-645 219 20D U67 05 HC$ 3,00 MF$ 0.65

WEIGHTLESS FLUID
EXPERIMENTAL INVESTIGATION OF LIQUID- PROPELLANT REORIENTATION.
N67-13680 20D S05 04 HC$ 3,00 MF$ 0.65

WEIGHTLESSNESS
SYNERGISTIC EFFECT OF ZERO- G AND RADIATION ON WHITE BLOOD CELLS, AN EXPERIMENT FOR THE GEMINI III MANNED SPACE FLIGHT.
N67-14039 6R S05 04 HC$ 3,00 MF$ 0.65

WEIGHTLESSNESS, SIMULATION
SILICONE SUBMERSION, A FEASIBILITY STUDY.
AD-645 080 6S U67 05 HC$ 3,00 MF$ 0.65

WELDS, FATIGUE(MECHANICS)
FATIGUE OF IRON BASE ALLOYS HY-80 STEEL CAST TEES BUTT WELDED TO ROLLED SECTION SINGLE AND DOUBLE WELD JOINT DESIGN.
AD-461 360 13H U67 05 HC$ 3,00

FATIGUE OF LARGE SCALE UNIFORMLY LOADED SIMPLY SUPPORTED TEE FILLET WELDED RECTANGULAR RIB-STIFFENED PLATES.
AD-645 487 20K U67 05 HC$ 3,00 MF$ 0.65

WEST GERMANY, ECONOMICS
DAIRY MACHINERY IN THE FEDERAL REPUBLIC OF GERMANY.
PB-173 707 5C U67 05 HC$ 3,00 MF$ 0.65

SELF-SERVICE STORE AND SUPERMARKET EQUIPMENT IN THE FEDERAL REPUBLIC OF GERMANY.
PB-173 708 5C U67 05 HC$ 3,00 MF$ 0.65

WIND TUNNEL
FACTORS ACTING ON THE BOUNDARY LAYER TRANSITION AT HYPERSONIC SPEED.
N67-13787 20D S05 04 HC$ 3,00 MF$ 0.65

WIND TUNNEL APPARATUS
MULTI-COMPONENT FORCE BALANCE CONTROL SYSTEMS FINAL REPORT.
N67-13867 14B S05 04 HC$ 3,00 MF$ 0.65

WINDSHIELDS, PHOTOCHROMISM
PHOTOCHROMIC EYE-PROTECTIVE DEVICE BASED ON TRIPLET ABSORPTION.
AD-645 362 6Q U67 05 HC$ 3,00 MF$ 0.65

WIND, THAILAND
A PRELIMINARY ESTIMATE OF EXTREME WIND SPEEDS IN THAILAND.
AD-645 089 4B U67 05 HC$ 3,00 MF$ 0.65

WING-FUSELAGE COMBINATION
CALCULATION OF AERODYNAMIC CHARACTERISTICS OF WING AND FUSELAGE IN SUPERSONIC FLOW.
N67-13792 1A S05 04 HC$ 3,00 MF$ 0.65

WOOD, BRIDGES
AN INVESTIGATION OF THE BEHAVIOR OF TIMBER BRIDGE CONNECTIONS UNDER STATIC AND REPEATED LOADING. PHASE TWO.
PB-173 728 13B U67 05 HC$ 3,00 MF$ 0.65

X RAYS, ABSORPTION
ABSORPTIOMETRY WITH BETA EXCITED X-RAY SOURCES.
COO-1259-1 18B N21 02 HC$ 3,00 MF$ 0.65

X RAYS, LIGHT
THE SOFT X-RAY CONTINUOUS SPECTRUM FROM LOW ENERGY ELECTRONS IN THE 80A-180A REGION.
AD-259 025 20F U67 05 HC$ 3,00

XENON, GAS IONIZATION
ATOM-ATOM IONIZATION MECHANISMS IN ARGON-XENON MIXTURES.
AD-645 166 7D U67 05

ATOM-ATOM IONIZATION CROSS SECTIONS OF THE NOBLE GASES-- ARGON, KRYPTON, AND XENON.
AD-64> 344 7D U67 05

XENON, NUCLEAR MAGNETIC RESONANCE
NUCLEAR QUADRUPOLE RELAXATION AND CHEMICAL SHIFT OF Xe131 IN LIQUID AND SOLID XENON.
AD-64> 181 7D U67 05

XENON, POLARIZATION
METASTABLE 3P2 RARE-GAS POLARIZABILITIES.
AD-645 236 7D U67 05

X-RAY
X-RAY SPECTRA PRODUCED WHEN THICK SILICON TARGETS ARE BOMBARDED WITH 1.0> AND 1.25 MILLION VOLTS ELECTRONS.
N67-13353 20H S05 04 HC$ 3,00 MF$ 0.65

X-RAY ASTRONOMY
ON THE POWERFUL X-RAY EMISSION OF RADIOGALAXIES.
N67-13579 3A S05 04 HC$ 3,00 MF$ 0.65

X-RAY SPECTROSCOPY, BACKSCATTERING
DETERMINATION EXPERIMENTALE DU FACTEUR DE RETRO-DIFFUSION MICROANALYSE PAR EMISSION X (EXPERIMENTAL DETERMINATION OF THE BACK SCATTERING FACTOR IN X-RAY MICROANALYSIS).
PB-173 746 14B U67 05 HC$ 3,00 MF$ 0.65

X-RAY SPECTRUM, BREMSSTRAHLUNG
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| AD-645 240 | 7B U67 05 | HC$ 3.00 | MF$ 0.65 | AD-645 351 | /D U67 05 | | | | | | |
| AD-645 241 | 7C U67 05 | HC$ 3.00 | MF$ 0.65 | AD-645 352 | 6A U67 05 | | | | | | |
| AD-645 242 | 20H U67 05 | HC$ 3.00 | MF$ 0.65 | AD-645 353 | /D U67 05 | | | | | | |
| AD-645 243 | 7E U67 05 | | | AD-645 354 | 20B U67 05 | | | | | | |
| AD-645 244 | 20H U67 05 | HC$ 3.00 | MF$ 0.65 | AD-645 355 | 5J U67 05 | | | | | | |
| AD-645 245 | 20I U67 05 | | | AD-645 356 | 12A U67 05 | | | | | | |
| AD-645 246 | 7D U67 05 | | | AD-645 357 | 5J U67 05 | | | | | | |
| AD-645 247 | 7D U67 05 | | | AD-645 358 | /D U67 05 | | | | | | |
| AD-645 248 | 12A U67 05 | | | AD-645 359 | /D U67 05 | | | | | | |
| AD-645 249 | 7C U67 05 | | | AD-645 360 | 5J U67 05 | | | | | | |
| AD-645 250 | 7C U67 05 | | | AD-645 361 | 20F U67 05 | HC$ 3.00 | MF$ 0.65 | | | | |
| AD-645 251 | 7D U67 05 | | | AD-645 362 | 6Q U67 05 | HC$ 3.00 | MF$ 0.65 | | | | |
| AD-645 252 | 7C U67 05 | | | AD-645 363 | 1C U67 05 | HC$ 3.00 | MF$ 0.65 | | | | |
| AD-645 253 | 20K U67 05 | | | AD-645 364 | 20E U67 05 | HC$ 3.00 | MF$ 0.65 | | | | |
| AD-645 254 | 12A U67 05 | HC$ 3.00 | MF$ 0.65 | AD-645 365 | 4A U67 05 | HC$ 3.00 | MF$ 0.65 | | | | |
| AD-645 255 | 9A U67 05 | HC$ 3.00 | MF$ 0.65 | AD-645 366 | 20C U67 05 | HC$ 3.00 | MF$ 0.65 | | | | |
| AD-645 256 | 3B U67 05 | | | AD-645 367 | 15E U67 05 | | MF$ 0.65 | | | | |
| AD-645 257 | 3B U67 05 | | | AD-645 368 | 3B U67 05 | | | | | | |
| AD-645 258 | 20D U67 05 | | | AD-645 369 | 4A U67 05 | | | | | | |
| AD-645 259 | 7C U67 05 | | | AD-645 370 | 22C U67 05 | | | | | | |
| AD-645 260 | 7C U67 05 | | | AD-645 371 | 20A U67 05 | | | | | | |
| AD-645 261 | 7C U67 05 | | | AD-645 372 | /D U67 05 | | | | | | |
| AD-645 262 | 9A U67 05 | HC$ 3.00 | MF$ 0.65 | AD-645 373 | 6D U67 05 | | | | | | |
| AD-645 263 | 7C U67 05 | | | AD-645 374 | /D U67 05 | | | | | | |
| AD-645 264 | 7D U67 05 | | | AD-645 375 | /D U67 05 | | | | | | |
| AD-645 265 | 6C U67 05 | | | AD-645 376 | 6E U67 05 | | | | | | |
| AD-645 266 | 7C U67 05 | | | AD-645 377 | 20J U67 05 | | | | | | |
| AD-645 267 | 9E U67 05 | HC$ 3.00 | MF$ 0.65 | AD-645 378 | 20L U67 05 | | | | | | |
| AD-645 268 | 7D U67 05 | | | AD-645 379 | 6A U67 05 | | | | | | |
| AD-645 269 | 20K U67 05 | | | AD-645 380 | 6P U67 05 | | | | | | |
| AD-645 270 | 7D U67 05 | | | AD-645 381 | 20C U67 05 | | | | | | |
| AD-645 271 | 7C U67 05 | | | AD-645 382 | 20H U67 05 | | | | | | |
| AD-645 272 | 3A U67 05 | | | AD-645 383 | 5J U67 05 | | | | | | |
| AD-645 273 | 19A U67 05 | HC$ 3.00 | MF$ 0.65 | AD-645 384 | 5J U67 05 | | | | | | |
| AD-645 274 | 19A U67 05 | HC$ 3.00 | MF$ 0.65 | AD-645 385 | 20H U67 05 | | | | | | |
| AD-645 275 | 8L U67 05 | HC$ 3.00 | MF$ 0.65 | AD-645 386 | 5J U67 05 | | | | | | |
| AD-645 276 | 6R U67 05 | HC$ 3.00 | MF$ 0.65 | AD-645 387 | 20J U67 05 | | | | | | |
| AD-645 277 | 20D U67 05 | | | AD-645 388 | 6C U67 05 | | | | | | |
| AD-645 278 | 20D U67 05 | | | AD-645 389 | 20G U67 05 | | | | | | |
| AD-645 279 | 3B U67 05 | | | AD-645 390 | 20M U67 05 | | | | | | |
| AD-645 280 | 7C U67 05 | | | AD-645 391 | 3B U67 05 | | | | | | |
| AD-645 281 | 7D U67 05 | | | AD-645 392 | /D U67 05 | | | | | | |
| AD-645 282 | 20I U67 05 | | | AD-645 393 | 20M U67 05 | | | | | | |
| AD-645 283 | 20H U67 05 | HC$ 3.00 | MF$ 0.65 | AD-645 394 | 20J U67 05 | | | | | | |
| AD-645 284 | 4A U67 05 | HC$ 3.00 | MF$ 0.65 | AD-645 395 | 3B U67 05 | | | | | | |
| AD-645 285 | 19C U67 05 | HC$ 3.00 | MF$ 0.65 | AD-645 396 | 20M U67 05 | | | | | | |
| AD-645 286 | 19C U67 05 | HC$ 3.00 | MF$ 0.65 | AD-645 397 | 20M U67 05 | | | | | | |
| AD-645 287 | 7D U67 05 | | | AD-645 398 | 20M U67 05 | | | | | | |
| AD-645 288 | 20E U67 05 | | | AD-645 399 | 20D U67 05 | | | | | | |
| AD-645 289 | 6B U67 05 | HC$ 3.00 | MF$ 0.65 | AD-645 400 | /D U67 05 | | | | | | |
| AD-645 290 | 12B U67 05 | | MF$ 0.65 | AD-645 401 | 20L U67 05 | | | | | | |
| AD-645 291 | 3B U67 05 | | | AD-645 402 | 3B U67 05 | | | | | | |
| AD-645 292 | 6D U67 05 | | | AD-645 403 | /D U67 05 | | | | | | |
| AD-645 293 | 19C U67 05 | HC$ 3.00 | MF$ 0.65 | AD-645 404 | 12A U67 05 | | | | | | |
| AD-645 294 | 9B U67 05 | HC$ 3.00 | MF$ 0.65 | AD-645 405 | 6T U67 05 | | | | | | |
| AD-645 295 | 6F U67 05 | HC$ 3.00 | MF$ 0.65 | AD-645 406 | 20H U67 05 | | | | | | |
| AD-645 296 | 20L U67 05 | | MF$ 0.65 | AD-645 407 | 9A U67 05 | | | | | | |
| AD-645 297 | 20A U67 05 | HC$ 3.00 | MF$ 0.65 | AD-645 408 | 17A U67 05 | | | | | | |
| AD-645 298 | 6C U67 05 | HC$ 3.00 | MF$ 0.65 | AD-645 409 | 20D U67 05 | | | | | | |
| AD-645 299 | 9A U67 05 | HC$ 3.00 | MF$ 0.65 | AD-645 410 | 17A U67 05 | | | | | | |
| AD-645 300 | 4B U67 05 | HC$ 3.00 | MF$ 0.65 | AD-645 411 | 20I U67 05 | | | | | | |
| AD-645 301 | 20K U67 05 | HC$ 3.00 | MF$ 0.65 | AD-645 412 | 9A U67 05 | | | | | | |
| AD-645 302 | 6E U67 05 | | | AD-645 413 | 20D U67 05 | | | | | | |
| AD-645 303 | 6E U67 05 | | | AD-645 414 | 12A U67 05 | | | | | | |
| AD-645 304 | 20J U67 05 | | | AD-645 415 | 20D U67 05 | | | | | | |
| AD-645 305 | 7D U67 05 | | | AD-645 416 | 12A U67 05 | | | | | | |
| AD-645 306 | 9A U67 05 | HC$ 3.00 | MF$ 0.65 | AD-645 417 | 3B U67 05 | | | | | | |
| AD-645 307 | 20E U67 05 | | | AD-645 418 | 17I U67 05 | HC$ 3.00 | MF$ 0.65 | | | | |
| AD-645 308 | 20L U67 05 | | | AD-645 419 | /D U67 05 | | | | | | |
| AD-645 309 | 6E U67 05 | | | AD-645 420 | 9D U67 05 | | | | | | |
| AD-645 310 | 9E U67 05 | | | AD-645 421 | 1E U67 05 | HC$ 3.00 | MF$ 0.65 | | | | |
| AD-645 311 | 20M U67 05 | | | AD-645 422 | 5H U67 05 | HC$ 3.00 | MF$ 0.65 | | | | |
| AD-645 312 | 12A U67 05 | | | AD-645 423 | 1B U67 05 | HC$ 3.00 | MF$ 0.65 | | | | |
| AD-645 313 | 7C U67 05 | | | AD-645 424 | 20I U67 05 | | | | | | |
| AD-645 314 | 12A U67 05 | | | AD-645 425 | 13J U67 05 | HC$ 3.00 | MF$ 0.65 | | | | |
| AD-645 315 | 11G U67 05 | | | AD-645 426 | 20M U67 05 | | | | | | |
| AD-645 316 | 6P U67 05 | | | AD-645 427 | 20I U67 05 | | | | | | |
| AD-645 317 | 6B U67 05 | HC$ 3.00 | MF$ 0.65 | AD-645 428 | 1C U67 05 | HC$ 3.00 | MF$ 0.65 | | | | |
| AD-645 318 | 6P U67 05 | | | AD-645 429 | 20L U67 05 | | | | | | |
| AD-645 319 | 5G U67 05 | | | AD-645 430 | 3B U67 05 | | | | | | |
| AD-645 320 | 9A U67 05 | | | AD-645 431 | 8G U67 05 | | | | | | |
| AD-645 321 | 7B U67 05 | | | AD-645 432 | /C U67 05 | HC$ 3.00 | MF$ 0.65 | | | | |
| AD-645 322 | 20A U67 05 | HC$ 3.00 | MF$ 0.65 | AD-645 433 | 5J U67 05 | | | | | | |
| AD-645 323 | 17B U67 05 | HC$ 3.00 | MF$ 0.65 | AD-645 434 | 12B U67 05 | HC$ 3.00 | MF$ 0.65 | | | | |
| AD-645 324 | 17I U67 05 | HC$ 3.00 | MF$ 0.65 | AD-645 435 | 5H U67 05 | HC$ 3.00 | MF$ 0.65 | | | | |
| AD-645 325 | 9B U67 05 | HC$ 3.00 | MF$ 0.65 | AD-645 436 | 5K U67 05 | HC$ 3.00 | MF$ 0.65 | | | | |
| AD-645 326 | 9B U67 05 | HC$ 3.00 | MF$ 0.65 | AD-645 437 | 5B U67 05 | | | | | | |
| AD-645 327 | 17I U67 05 | HC$ 3.00 | MF$ 0.65 | AD-645 438 | 9B U67 05 | HC$ 3.00 | MF$ 0.65 | | | | |
| AD-645 328 | 9E U67 05 | HC$ 3.00 | MF$ 0.65 | AD-645 439 | 9B U67 05 | HC$ 3.00 | MF$ 0.65 | | | | |
| AD-645 329 | 17A U67 05 | HC$ 3.00 | MF$ 0.65 | AD-645 440 | 5A U67 05 | HC$ 3.00 | MF$ 0.65 | | | | |
| AD-645 330 | 17B U67 05 | HC$ 3.00 | MF$ 0.65 | AD-645 441 | 5I U67 05 | HC$ 3.00 | MF$ 0.65 | | | | |
| AD-645 331 | 17J U67 05 | HC$ 3.00 | MF$ 0.65 | AD-645 442 | 5B U67 05 | HC$ 3.00 | MF$ 0.65 | | | | |
| AD-645 332 | 17J U67 05 | HC$ 3.00 | MF$ 0.65 | AD-645 443 | 22C U67 05 | | | | | | |
| AD-645 333 | 1E U67 05 | HC$ 3.00 | MF$ 0.65 | AD-645 444 | 17H U67 05 | HC$ 3.00 | MF$ 0.65 | | | | |
| AD-645 334 | 3B U67 05 | | | AD-645 445 | 9B U67 05 | HC$ 3.00 | MF$ 0.65 | | | | |
| AD-645 335 | 3B U67 05 | | | AD-645 446 | 19A U67 05 | HC$ 3.00 | MF$ 0.65 | | | | |
| AD-645 336 | 6D U67 05 | | | AD-645 447 | 6E U67 05 | HC$ 3.00 | MF$ 0.65 | | | | |
| AD-645 337 | 8G U67 05 | HC$ 3.00 | MF$ 0.65 | AD-645 448 | 6C U67 05 | HC$ 3.00 | MF$ 0.65 | | | | |
| AD-645 338 | 12A U67 05 | | | AD-645 449 | 14B U67 05 | HC$ 3.00 | MF$ 0.65 | | | | |
| AD-645 339 | 12A U67 05 | | | AD-645 450 | 6C U67 05 | | | | | | |
| AD-645 340 | 20H U67 05 | | | AD-645 451 | 5G U67 05 | HC$ 3.00 | MF$ 0.65 | | | | |
| AD-645 341 | 20D U67 05 | | | AD-645 452 | 6R U67 05 | HC$ 3.00 | MF$ 0.65 | | | | |
| AD-645 342 | 12B U67 05 | | | AD-645 453 | 6A U67 05 | HC$ 3.00 | MF$ 0.65 | | | | |
| AD-645 343 | 9A U67 05 | HC$ 3.00 | MF$ 0.65 | AD-645 454 | 6B U67 05 | HC$ 3.00 | MF$ 0.65 | | | | |
| AD-645 344 | 7D U67 05 | | | AD-645 455 | 13M U67 05 | HC$ 3.00 | MF$ 0.65 | | | | |
| AD-645 345 | 11F U67 05 | HC$ 3.00 | MF$ 0.65 | AD-645 456 | 11F U67 05 | HC$ 3.00 | MF$ 0.65 | | | | |
| AD-645 346 | 13H U67 05 | HC$ 3.00 | MF$ 0.65 | AD-645 457 | 4A U67 05 | HC$ 3.00 | MF$ 0.65 | | | | |
| AD-645 347 | 7C U67 05 | | | AD-645 458 | 3B U67 05 | HC$ 3.00 | MF$ 0.65 | | | | |
| AD-645 348 | 12B U67 05 | | | AD-645 459 | 4A U67 05 | | | | | | |
| AD-645 349 | 7D U67 05 | | | AD-645 460 | 8K U67 05 | | | | | | |
| AD-645 350 | 7D U67 05 | | | AD-645 461 | 13M U67 05 | HC$ 3.00 | MF$ 0.65 | | | | |

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AD-645 863
AFOSR-66-1249
AD-645 188
AFOSR-66-1978
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| AFOSR-66-1986<br>AD-645 177 | 20J U67 05 |
| AFOSR-66-2013<br>AD-645 351 | 7D U67 05 |
| AFOSR-66-2030<br>AD-645 026 | 6P U67 05 |
| AFOSR-66-2032<br>AD-645 034 | 20L U67 05 |
| AFOSR-66-2042<br>AD-645 032 | 11F U67 05 |
| AFOSR-66-2061<br>AD-645 407 | 9A U67 05 |
| AFOSR-66-2071<br>AD-645 027 | 6A U67 05 |
| AFOSR-66-2115<br>AD-645 353 | 7D U67 05 |
| AFOSR-66-2116<br>AD-644 885 | 20L U67 05 |
| AFOSR-66-2117<br>AD-644 904 | 20B U67 05 |
| AFOSR-66-2118<br>AD-644 883 | 7C U67 05 |
| AFOSR-66-2119<br>AD-644 931 | 20L U67 05 |
| AFOSR-66-2121<br>AD-645 174 | 20H U67 05 |
| AFOSR-66-2142<br>AD-645 172 | 7C U67 05 |
| AFOSR-66-2143<br>AD-644 935 | 7D U67 05 |
| AFOSR-66-2149<br>AD-644 926 | 20I U67 05 |
| AFOSR-66-2152<br>AD-645 385 | 20H U67 05 |
| AFOSR-66-2156<br>AD-644 922 | 4A U67 05 |
| AFOSR-66-2157<br>AD-645 459 | 4A U67 05 |
| AFOSR-66-2161<br>AD-645 358 | 7D U67 05 |
| AFOSR-66-2169<br>AD-645 281 | 7D U67 05 |
| AFOSR-66-2178<br>AD-645 433 | 5J U67 05 |
| AFOSR-66-2210<br>AD-644 947 | 12A U67 05 |
| AFOSR-66-2225<br>AD-645 371 | 20A U67 05 |
| AFOSR-66-2226<br>AD-645 429 | 20L U67 05 |
| AFOSR-66-2227<br>AD-644 937 | 20D U67 05 |
| AFOSR-66-2230<br>AD-645 033 | 9A U67 05 |
| AFOSR-66-2231<br>AD-645 404 | 12A U67 05 |
| AFOSR-66-2232<br>AD-645 426 | 20H U67 05 |
| AFOSR-66-2233<br>AD-644 907 | 20B U67 05 |
| AFOSR-66-2236<br>AD-645 424 | 20I U67 05 |
| AFOSR-66-2238<br>AD-645 354 | 20B U67 05 |
| AFOSR-66-2240<br>AD-645 387 | 20J U67 05 |
| AFOSR-66-2241<br>AD-645 402 | 3B U67 05 |
| AFOSR-66-2242<br>AD-645 409 | 20D U67 05 |
| AFOSR-66-2246<br>AD-645 430 | 3B U67 05 |
| AFOSR-66-2254<br>AD-645 338 | 12A U67 05 |
| AFOSR-66-2261<br>AD-644 954 | 20H U67 05 |
| AFOSR-66-2262<br>AD-644 955 | 20L U67 05 |
| AFOSR-66-2263<br>AD-644 938 | 7D U67 05 |
| AFOSR-66-2272<br>AD-644 959 | 7D U67 05 |
| AFOSR-66-2285<br>AD-645 427 | 20I U67 05 |
| AFOSR-66-2292<br>AD-645 443 | 22C U67 05 |
| AFOSR-66-2295<br>AD-645 420 | 9D U67 05 |
| AFOSR-66-2329<br>AD-645 396 | 20H U67 05 |
| AFOSR-66-2332<br>AD-645 406 | 20H U67 05 |
| AFOSR-66-2343<br>AD-645 419 | 7D U67 05 |
| AFOSR-66-2351<br>AD-645 397 | 20H U67 05 |
| AFOSR-66-2377<br>AD-644 918 | 12A U67 05 |
| AFOSR-66-2433<br>AD-644 886 | 20C U67 05 |
| AFOSR-66-2441<br>AD-644 892 | 20N U67 05 |
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| AFOSR-66-2444<br>AD-645 043 | 7D U67 05 |
| AFOSR-66-2447<br>AD-644 942 | 12A U67 05 |
| AFOSR-66-2448<br>AD-644 943 | 12A U67 05 |
| AFOSR-66-2449<br>AD-644 944 | 12A U67 05 |
| AFOSR-66-2458<br>AD-644 890 | 20H U67 05 |
| AFOSR-66-2463<br>AD-645 403 | 6P U67 05 |
| AFOSR-66-2470<br>AD-644 914 | 6S U67 05 |
| AFOSR-66-2482<br>AD-645 339 | 12A U67 05 |
| AFOSR-66-2495<br>AD-644 924 | 9B U67 05 |
| AFOSR-66-2504<br>AD-645 044 | 7D U67 05 |
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| AFOSR-66-2568<br>AD-645 462 | 7D U67 05 |
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| AFOSR-66-2576<br>AD-645 388 | 3B U67 05 |
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| AFOSR-66-2593<br>AD-645 042 | 6A U67 05 |
| AFOSR-66-2601<br>AD-645 336 | 6D U67 05 |
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| AFOSR-66-2667<br>AD-645 369 | 4A U67 05 |
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| AFOSR-66-2695<br>AD-645 178 | 20J U67 05 |
| AFOSR-66-2696<br>AD-644 958 | 20J U67 05 |
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| AFOSR-66-2709<br>AD-645 378 | 20L U67 05 |
| AFOSR-66-2710<br>AD-645 038 | 20L U67 05 |
| AFOSR-66-2718<br>AD-645 048 | 20J U67 05 |
| AFOSR-66-2726<br>AD-645 119 | 20I U67 05 HC$ 3.00 MF$ 0.65 |
| AFOSR-66-2730<br>AD-645 344 | 7D U67 05 |
| AFOSR-66-2731<br>AD-645 166 | 7D U67 05 |
| AFOSR-66-2735<br>AD-645 092 | 20L U67 05 |
| AFOSR-66-2737<br>AD-644 928 | 9B U67 05 HC$ 3.00 MF$ 0.65 |
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| AFOSR-66-2746<br>AD-645 408 | 7D U67 05 |
| AFOSR-66-2747<br>AD-645 399 | 20D U67 05 |
| AFOSR-66-2748<br>AD-644 919 | 7C U67 05 |
| AFOSR-66-2750<br>AD-645 037 | 11F U67 05 |

| AFO-AND | | | | | | |
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| AD-644 894 | 6C | U67 | 05 | | | |
| AFOSR-65-2769 | | | | | | |
| AD-644 884 | 20C | U67 | 05 | | | |
| AFOSR-65-2771 | | | | | | |
| AD-645 049 | 20J | U67 | 05 | | | |
| AFOSR-65-2772 | | | | | | |
| AD-644 984 | 12B | U67 | 05 | | | |
| AFOSR-65-2780 | | | | | | |
| AD-645 094 | 20J | U67 | 05 | | | |
| AFOSR-65-2781 | | | | | | |
| AD-645 382 | 20H | U67 | 05 | | | |
| AFOSR-65-2782 | | | | | | |
| AD-645 025 | 20J | U67 | 05 | | | |
| AFOSR-65-2783 | | | | | | |
| AD-645 093 | 20J | U67 | 05 | | | |
| AFOSR-65-2788 | | | | | | |
| AD-644 902 | 20J | U67 | 05 | | | |
| AFOSR-65-2789 | | | | | | |
| AD-645 040 | 20J | U67 | 05 | | | |
| AFOSR-65-2790 | | | | | | |
| AD-644 903 | 20J | U67 | 05 | | | |
| AFOSR-65-2791 | | | | | | |
| AD-645 170 | 20C | U67 | 05 | | | |
| AFOSR-65-2792 | | | | | | |
| AD-645 041 | 20H | U67 | 05 | | | |
| AFOSR-65-2796 | | | | | | |
| AD-644 940 | 6P | U67 | 05 | | | |
| AFOSR-65-2799 | | | | | | |
| AD-644 936 | 7D | U67 | 05 | | | |
| AFOSR-65-2804 | | | | | | |
| AD-645 370 | 22C | U67 | 05 | | | |
| AFOSR-65-2805 | | | | | | |
| AD-644 965 | 9B | U67 | 05 | | | |
| AFOSR-65-2809 | | | | | | |
| AD-645 431 | 8G | U67 | 05 | | | |
| AFOSR-65-2810 | | | | | | |
| AD-645 475 | 8G | U67 | 05 | | | |
| AFOSR-65-2830 | | | | | | |
| AD-644 901 | 20B | U67 | 05 | | | |
| AFOSR-65-2842 | | | | | | |
| AD-644 948 | 20C | U67 | 05 | | | |
| AFOSR-65-2843 | | | | | | |
| AD-644 910 | 7D | U67 | 05 | | | |
| AFOSR-65-2844 | | | | | | |
| AD-645 055 | 9A | U67 | 05 | | | |
| AFOSR-65-2845 | | | | | | |
| AD-645 359 | 7D | U67 | 05 | | | |
| AFOSR-65-2847 | | | | | | |
| AD-644 952 | 5B | U67 | 05 | | | |
| AFOSR-65-2849 | | | | | | |
| AD-645 173 | 20H | U67 | 05 | | | |
| AFOSR-65-2851 | | | | | | |
| AD-645 474 | 7D | U67 | 05 | | | |
| AFOSR-65-2853 | | | | | | |
| AD-645 401 | 20L | U67 | 05 | | | |
| AFOSR-65-2854 | | | | | | |
| AD-645 475 | 20L | U67 | 05 | | | |
| AFOSR-65-2855 | | | | | | |
| AD-645 536 | 20L | U67 | 05 | | | |
| AFOSR-65-2860 | | | | | | |
| AD-644 968 | 12A | U67 | 05 | | | |
| AFOSR-65-2867 | | | | | | |
| AD-645 246 | 7D | U67 | 05 | | | |
| AFOSR-65-2868 | | | | | | |
| AD-645 247 | 7D | U67 | 05 | | | |
| AFOSR-65-2869 | | | | | | |
| AD-644 905 | 20C | U67 | 05 | | | |
| AFOSR-65-2870 | | | | | | |
| AD-644 971 | 11G | U67 | 05 | | | |
| AFOSR-65-2871 | | | | | | |
| AD-644 951 | 9A | U67 | 05 | | | |
| AFOSR-65-2873 | | | | | | |
| AD-644 969 | 20H | U67 | 05 | | | |
| AFOSR-65-2874 | | | | | | |
| AD-644 921 | 20J | U67 | 05 | | | |
| AFOSR-65-2875 | | | | | | |
| AD-644 930 | 20C | U67 | 05 | | | |
| AFOSR-65-2876 | | | | | | |
| AD-645 380 | 6P | U67 | 05 | | | |
| AFOSR-65-2881 | | | | | | |
| AD-645 414 | 12A | U67 | 05 | | | |
| AFOSR-67-0006 | | | | | | |
| AD-645 217 | 5B | U67 | 05 | HC$ | 3.00 | MF$ 0.65 |
| AFOSR-67-0036 | | | | | | |
| AD-645 488 | 7C | U67 | 05 | HC$ | 3.00 | MF$ 0.65 |
| AFOSR-67-0041 | | | | | | |
| AD-645 485 | 7D | U67 | 05 | HC$ | 3.00 | MF$ 0.65 |
| AFOSR-67-0044 | | | | | | |
| AD-645 534 | 7B | U67 | 05 | HC$ | 3.00 | MF$ 0.65 |
| AFOSR-67-0054 | | | | | | |
| AD-645 499 | 6D | U67 | 05 | HC$ | 3.00 | MF$ 0.65 |
| AFOSR-67-0081 | | | | | | |
| AD-645 594 | 9B | U67 | 05 | HC$ | 3.00 | MF$ 0.65 |
| AFOSR-67-0097 | | | | | | |
| AD-645 298 | 6C | U67 | 05 | HC$ | 3.00 | MF$ 0.65 |
| AFOSR-67-0098 | | | | | | |
| AD-645 103 | 21B | U67 | 05 | HC$ | 3.00 | MF$ 0.65 |
| AFOSR-749 | | | | | | |
| AD-645 318 | 6P | U67 | 05 | | | |
| AFRRI-SP-66-17 | | | | | | |
| AD-645 546 | 18F | U67 | 05 | HC$ | 3.00 | MF$ 0.65 |
| AFSC-TR-65-6 | | | | | | |
| AD-467 816 | 5A | U67 | 05 | HC$ | 3.00 | MF$ 0.65 |
| AFML-TR-66-27-VOL-2 | | | | | | |
| AD-645 070 | 20B | U67 | 05 | HC$ | 3.00 | MF$ 0.65 |
| AFWTR-TR-66-1 | | | | | | |
| AD-645 254 | 12A | U67 | 05 | HC$ | 3.00 | MF$ 0.65 |
| AGARD-921 | | | | | | |
| N67-13399 | D9H | S05 | 04 | HC$ | 3.00 | MF$ 0.65 |
| AGARD-922 | | | | | | |
| N67-13400 | 1D | S05 | 04 | HC$ | 3.00 | MF$ 0.65 |
| AGARD-926 | | | | | | |
| N67-14109 | 1A | S05 | 04 | HC$ | 3.00 | MF$ 0.65 |
| AGN-8103-VOL-1 | 18B | N21 | 02 | HC$ | 3.00 | MF$ 0.65 |
| AIR-D-9381-9/66-FR | | | | | | |
| AD-645 286 | 15C | U67 | 05 | HC$ | 3.00 | MF$ 0.65 |
| AIR-D-93C1-9/66-FR | | | | | | |
| AD-644 875 | 5A | U67 | 05 | HC$ | 3.00 | MF$ 0.65 |
| AIR-D93A(1/2)-9/66-FR | | | | | | |
| AD-645 343 | 5A | U67 | 05 | HC$ | 3.00 | MF$ 0.65 |
| AIR-D93B(1)-9/66-FR | | | | | | |
| AD-645 285 | 15C | U67 | 05 | HC$ | 3.00 | MF$ 0.65 |
| AIR-D93B(1/2)-9/66-FR | | | | | | |
| AD-644 876 | 5A | U67 | 05 | HC$ | 3.00 | MF$ 0.65 |
| AI-8110 | | | | | | |
| AD-298 877 | 7D | U67 | 05 | HC$ | 3.00 | |
| AMRA-CR-65-04/4 | | | | | | |
| AD-645 346 | 13M | U67 | 05 | HC$ | 3.00 | MF$ 0.65 |
| AMRA-CR-66-09(F) | | | | | | |
| AD-645 142 | 11B | U67 | 05 | HC$ | 3.00 | MF$ 0.65 |
| AMRL-TR-66-116 | | | | | | |
| AD-645 140 | 17B | U67 | 05 | HC$ | 3.00 | MF$ 0.65 |
| AMRL-TR-66-215 | | | | | | |
| AD-645 588 | 5J | U67 | 05 | | | |
| AM-66-20 | | | | | | |
| AD-645 493 | 8K | U67 | 05 | HC$ | 3.00 | MF$ 0.65 |
| AM-66-28 | | | | | | |
| AD-645 497 | 8P | U67 | 05 | HC$ | 3.00 | MF$ 0.65 |
| AM-66-34 | | | | | | |
| AD-645 494 | 8T | U67 | 05 | HC$ | 3.00 | MF$ 0.65 |
| AM-66-35 | | | | | | |
| AD-645 495 | 8P | U67 | 05 | HC$ | 3.00 | MF$ 0.65 |
| AM-66-36 | | | | | | |
| AD-645 496 | 8S | U67 | 05 | HC$ | 3.00 | MF$ 0.65 |
| ANL-7148 | 20I | N21 | 02 | HC$ | 3.00 | MF$ 0.65 |
| ANL-7184 | 18I | N21 | 02 | HC$ | 3.00 | MF$ 0.65 |
| ANL-7192 | 20G | N21 | 02 | HC$ | 3.00 | MF$ 0.65 |
| ANL-7194 | 18I | N21 | 02 | HC$ | 3.00 | MF$ 0.65 |
| ANL-7199 | /E | N21 | 02 | HC$ | 3.00 | MF$ 0.65 |
| ANL-7260 | 9B | N21 | 02 | HC$ | 3.00 | MF$ 0.65 |
| ANL-7213 | 12A | N21 | 02 | HC$ | 3.00 | MF$ 0.65 |
| APRO-TNN-1/8 | | | | | | |
| AD-645 293 | 15C | U67 | 05 | HC$ | 3.00 | MF$ 0.65 |
| APRO-TNN-1/2 | | | | | | |
| AD-644 900 | 5I | U67 | 05 | HC$ | 3.00 | MF$ 0.65 |
| ARA-77 | | | | | | |
| AD-645 562 | 11I | U67 | 05 | HC$ | 3.00 | MF$ 0.65 |
| ARL-TR-66-15 | | | | | | |
| N67-13673 | 6S | S05 | 04 | HC$ | 3.00 | MF$ 0.65 |
| ARL-TR-66-/ | | | | | | |
| N67-13676 | D6P | S05 | 04 | HC$ | 3.00 | MF$ 0.65 |
| ARQD-1287 15 | | | | | | |
| AD-645 572 | /C | U67 | 05 | | | |
| ARQD-1287 17 | | | | | | |
| AD-645 574 | /C | U67 | 05 | | | |
| ARQD-1287 18 | | | | | | |
| AD-645 581 | 7C | U67 | 05 | HC$ | 3.00 | MF$ 0.65 |
| ARQD-1287 9 | | | | | | |
| AD-645 313 | /C | U67 | 05 | | | |
| ARQD-1287.16 | | | | | | |
| AD-645 573 | /C | U67 | 05 | | | |
| ARQD-1517 55 | | | | | | |
| AD-645 196 | 12A | U67 | 05 | | | |
| ARQD-1517 84 | | | | | | |
| AD-645 184 | 12A | U67 | 05 | | | |
| ARQD-1517 85 | | | | | | |
| AD-645 183 | 12A | U67 | 05 | | | |
| ARQD-2085 43 | | | | | | |
| AD-645 272 | 3A | U67 | 05 | | | |
| ARQD-2533 4 | | | | | | |
| AD-645 200 | /C | U67 | 05 | | | |
| ARQD-2573 2 | | | | | | |
| AD-645 269 | 20K | U67 | 05 | | | |
| ARQD-2613 17 | | | | | | |
| AD-645 229 | /D | U67 | 05 | | | |
| ARQD-2759 12 | | | | | | |
| AD-645 503 | 20L | U67 | 05 | | | |
| ARQD-2759 13 | | | | | | |
| AD-645 504 | 20L | U67 | 05 | | | |
| ARQD-2791 7 | | | | | | |
| AD-645 181 | /D | U67 | 05 | | | |
| ARQD-2810 6 | | | | | | |
| AD-259 025 | 20F | U67 | 05 | HC$ | 3.00 | |
| ARQD-2819 11 | | | | | | |
| AD-645 347 | /C | U67 | 05 | | | |
| ARQD-2828 13 | | | | | | |
| AD-645 237 | 12A | U67 | 05 | | | |
| ARQD-2832 30 | | | | | | |
| AD-645 259 | /C | U67 | 05 | | | |
| ARQD-3076 13 | | | | | | |
| AD-645 314 | 12A | U67 | 05 | | | |
| ARQD-3146.9 | | | | | | |
| AD-645 310 | 9E | U67 | 05 | | | |
| ARQD-3163 2 | | | | | | |
| AD-645 225 | 11F | U67 | 05 | | | |
| ARQD-3697 14 | | | | | | |
| AD-645 320 | 9A | U67 | 05 | | | |
| ARQD-3486.14 | | | | | | |
| AD-645 584 | /D | U67 | 05 | | | |
| ARQD-3417 1 | | | | | | |
| AD-645 288 | /D | U67 | 05 | | | |
| ARQD-3417 2 | | | | | | |
| AD-645 305 | 7D | U67 | 05 | | | |
| ARQD-3417 7 | | | | | | |
| AD-645 278 | /D | U67 | 05 | | | |
| ARQD-3521 6 | | | | | | |
| AD-645 236 | /D | U67 | 05 | | | |

| | |
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| AROD-3734 10<br>AD-645 224 | 20C U67 05 |
| AROD-3734 16<br>AD-645 223 | 20K U67 05 |
| AROD-3896 5<br>AD-645 243 | 7E U67 05 |
| AROD-3951 22<br>AD-645 194 | 12A U67 05 |
| AROD-4010 2<br>AD-645 286 | 7C U67 05 |
| AROD-4047 3<br>AD-645 298 | 20D U67 05 |
| AROD-4078 1<br>AD-645 250 | 7C U67 05 |
| AROD-4078 2<br>AD-645 280 | 7C U67 05 |
| AROD-4078 3<br>AD-645 261 | 7C U67 05 |
| AROD-4078 4<br>AD-645 265 | 6C U67 05 |
| AROD-4078 5<br>AD-645 249 | 7C U67 05 |
| AROD-4109.8<br>AD-645 570 | 20K U67 05 |
| AROD-4129 6<br>AD-645 291 | 7D U67 05 |
| AROD-4131 13<br>AD-645 349 | 7D U67 05 |
| AROD-4131 14<br>AD-645 350 | 7D U67 05 |
| AROD-4131 19<br>AD-645 568 | 7C U67 05 |
| AROD-4131 21<br>AD-645 569 | 7D U67 05 |
| AROD-4135 13<br>AD-645 578 | 7B U67 05 |
| AROD-4159 3<br>AD-645 245 | 20I U67 05 |
| AROD-4166 5<br>AD-645 319 | 5G U67 05 |
| AROD-4169 6<br>AD-645 308 | 20L U67 05 |
| AROD-4184 9<br>AD-645 232 | 20M U67 05 |
| AROD-4192 6<br>AD-645 252 | 7C U67 05 |
| AROD-4234 3<br>AD-645 311 | 20M U67 05 |
| AROD-4237 1<br>AD-645 191 | 7C U67 05 |
| AROD-4302 7<br>AD-645 248 | 12A U67 05 |
| AROD-4315 2<br>AD-645 263 | 7C U67 05 |
| AROD-4388 5<br>AD-645 228 | 7C U67 05 |
| AROD-4390 4<br>AD-644 905 | 20D U67 05 HC$ 3.00 MF$ 0.65 |
| AROD-4408 4<br>AD-645 307 | 20E U67 05 |
| AROD-4445 46<br>AD-645 334 | 3B U67 05 |
| AROD-4445 64<br>AD-645 335 | 3B U67 05 |
| AROD-4515 8<br>AD-645 182 | 4A U67 05 |
| AROD-4547 28<br>AD-645 301 | 20K U67 05 HC$ 3.00 MF$ 0.65 |
| AROD-4802 1<br>AD-645 271 | 7C U67 05 |
| AROD-4847 3<br>AD-645 580 | 7D U67 05 |
| AROD-4890 8<br>AD-645 321 | 7B U67 05 |
| AROD-4899 2<br>AD-645 189 | 7E U67 05 |
| AROD-4899 3<br>AD-645 190 | 7C U67 05 |
| AROD-4899 4<br>AD-645 188 | 6A U67 05 |
| AROD-5025 1<br>AD-645 582 | 12A U67 05 |
| AROD-5025 5<br>AD-645 209 | 12A U67 05 |
| AROD-5088 2<br>AD-645 199 | 7B U67 05 |
| AROD-5103 7<br>AD-645 193 | 20M U67 05 |
| AROD-5117 3<br>AD-645 185 | 9A U67 05 |
| AROD-5133 63<br>AD-645 342 | 12B U67 05 |
| AROD-5149 22<br>AD-645 583 | 12B U67 05 |
| AROD-5325 2<br>AD-645 264 | 7D U67 05 |
| AROD-5336 2<br>AD-645 238 | 20J U67 05 |
| AROD-5356 4<br>AD-645 200 | 7D U67 05 |
| AROD-5403 1<br>AD-645 585 | 20M U67 05 |
| AROD-5648 1<br>AD-645 198 | 21B U67 05 |
| AROD-5840 3<br>AD-645 211 | 20L U67 05 |
| AROD-5853 5<br>AD-645 312 | 12A U67 05 |
| AROD-6036 1<br>AD-645 293 | 20K U67 05 |
| ASNL-TR-110-5<br>AD-645 022 | 20D U67 05 HC$ 3.00 MF$ 0.65 |
| ASWEPS MANUAL SER VOL-9<br>AD-645 298 | 12B U67 05 MF$ 0.65 |
| ATD-66-106<br>AD-645 072 | 22C U67 05 HC$ 3.00 MF$ 0.65 |
| ATD-66-134<br>AD-645 029 | 16A U67 05 HC$ 3.00 MF$ 0.65<br>14B U67 05 HC$ 3.00 |
| ATI-104 889 | 4A U67 05 HC$ 3.00 MF$ 0.65 |
| AVSSD-0200-66-RR<br>AD-645 497 | 4B U67 05 HC$ 3.00 MF$ 0.65 |
| AWS-TR-188<br>AD-645 118 | 9C U67 05 HC$ 3.00 MF$ 0.65 |
| A-867<br>PB-173 856 | 19D U67 05 HC$ 3.00 |
| BALLISTICS RESEARCH-105<br>AD-474 776 | 20H N21 02 HC$ 3.00 MF$ 0.65 |
| BNL-325 | 6C N21 02 HC$ 3.00 MF$ 0.65 |
| BNL-976 | 11F N21 02 HC$ 3.00 MF$ 0.65 |
| BNWL-113-20 | 18J N21 02 HC$ 3.00 MF$ 0.65 |
| BNWL-295 | 11B N21 02 HC$ 3.00 MF$ 0.65 |
| BNWL-296 | 18J N21 02 HC$ 3.00 MF$ 0.65 |
| BNWL-324 | |
| BRL-MR-1790<br>AD-645 283 | 20H U67 05 HC$ 3.00 MF$ 0.65 |
| BRL-MR-521<br>ATI-104 889 | 14B U67 05 HC$ 3.00 |
| BRL-1327<br>AD-645 284 | 4A U67 05 HC$ 3.00 MF$ 0.65 |
| CEA-R-2896<br>PB-173 753 | 18K U67 05 HC$ 3.00 MF$ 0.65 |
| CEA-R-3009<br>PB-173 751 | 20H U67 05 HC$ 3.00 MF$ 0.65 |
| CEA-R-3013<br>PB-173 750 | 6R U67 05 HC$ 3.00 MF$ 0.65 |
| CEA-R-3036<br>PB-173 748 | 20H U67 05 HC$ 3.00 MF$ 0.65 |
| CEA-R-3041<br>PB-173 747 | 18I U67 05 HC$ 3.00 MF$ 0.65 |
| CEA-R-3052<br>PB-173 746 | 14B U67 05 HC$ 3.00 MF$ 0.65 |
| CEA-R-3054<br>PB-173 745 | 6R U67 05 HC$ 3.00 MF$ 0.65 |
| CEA-R-3059<br>PB-173 744 | 18I U67 05 HC$ 3.00 MF$ 0.65 |
| CEA-R-3067<br>PB-173 743 | 18D U67 05 HC$ 3.00 MF$ 0.65 |
| CEA-R-3068<br>PB-173 742 | 20G U67 05 HC$ 3.00 MF$ 0.65 |
| CEA-R-3076<br>PB-1/3 696 | 6R U67 05 HC$ 3.00 MF$ 0.65 |
| CEA-R-3082<br>PB-173 695 | 18G U67 05 HC$ 3.00 MF$ 0.65 |
| CEA-R-3088<br>PB-173 703 | 20H U67 05 HC$ 3.00 MF$ 0.65 |
| CEA-R-3104<br>PB-173 701 | 18I U67 05 HC$ 3.00 MF$ 0.65 |
| CEA-R-3118<br>PB-1/3 698 | 7D U67 05 HC$ 3.00 MF$ 0.65 |
| CESRO-TR-2<br>N67-14282 | 22B S05 04 HC$ 3.00 MF$ 0.65 |
| CE-1<br>PB-173 732 | 13B U67 05 HC$ 3.00 MF$ 0.65 |
| CF-2-1965<br>N67-14188 | 22C S05 04 HC$ 3.00 MF$ 0.65 |
| CIC-TR-29<br>AD-645 388 | 6C U67 05 |
| CLGR-47/D<br>N67-13872 | 19D S05 04 HC$ 3.00 MF$ 0.65 |
| CLGR-50/D<br>N67-13920 | 18D S05 04 HC$ 3.00 MF$ 0.65 |
| CM-748<br>AD-645 227 | 21M U67 05 HC$ 3.00 MF$ 0.65 |
| CONTRIB-893<br>AD-645 460 | 8K U67 05 |
| CONTRIB-949<br>AD-645 412 | 9A U67 05<br>18B N21 02 HC$ 3.00 MF$ 0.65<br>18D N21 02 HC$ 3.00 MF$ 0.65 |
| COO-1239-1<br>COO-14/1-7 | 9C U67 05 |
| COWLES FOUNDATION PAPER-244<br>AD-645 521 | 8L U67 05 HC$ 3.00 MF$ 0.65 |
| CRREL-SR-90<br>AD-645 275 | 8G U67 05 HC$ 3.00 MF$ 0.65 |
| CRREL-TR-162<br>AD-645 337 | 1/B U67 05 HC$ 3.00 MF$ 0.65 |
| CSI-66-TR-2298<br>AD-645 503 | 1/B U67 05 HC$ 3.00 MF$ 0.65 |
| CSI-66-TR-2306<br>AD-645 571 | 15C S05 04 HC$ 3.00 MF$ 0.65 |
| CSM-TR-66-14<br>N67-14260 | 15B U67 05 HC$ 3.00 MF$ 0.65 |
| CWLR-2368<br>AD-317 583 | 13C U67 05 HC$ 3.00 MF$ 0.65 |
| C-1217<br>PB-173 805 | 15E U67 05 HC$ 3.00 MF$ 0.65 |
| C/QM-MM/E-65-5<br>AD-644 927 | 11E U67 05 HC$ 3.00 MF$ 0.65 |
| C/QM-TS-143<br>AD-645 153 | 6P U67 05 HC$ 3.00 MF$ 0.65 |
| DANL RESEARCH COMMUNICATION-10<br>AD-644 981 | 6P U67 05 HC$ 3.00 MF$ 0.65 |
| DANL RESEARCH COMMUNICATION-11<br>AD-644 988 | 8D U67 05 HC$ 3.00 MF$ 0.65 |
| DANL RESEARCH COMMUNICATION-12<br>AD-644 984 | 5G U67 05 HC$ 3.00 MF$ 0.65 |
| DANL RESEARCH COMMUNICATION-13<br>AD-644 989 | 8A U67 05 HC$ 3.00 MF$ 0.65 |
| DANL RESEARCH COMMUNICATION-14<br>AD-644 987 | 4A U67 05 HC$ 3.00 MF$ 0.65 |
| DANL RESEARCH COMMUNICATION-15<br>AD-644 986 | |
| DANL RESEARCH COMMUNICATION-16 | |

AD-644 985
DARL RESEARCH COMMUNICATION-18
AD-644 990
DARL RESEARCH COMMUNICATION-19
AD-644 991
DARL RESEARCH COMMUNICATION-2
AD-644 976
DARL RESEARCH COMMUNICATION-3
AD-644 977
DARL RESEARCH COMMUNICATION-4
AD-644 992
DARL RESEARCH COMMUNICATION-5
AD-644 978
DARL RESEARCH COMMUNICATION-6
AD-644 979
DARL RESEARCH COMMUNICATION-7
AD-644 980
DARL RESEARCH COMMUNICATION-8
AD-644 982
DARL RESEARCH COMMUNICATION-9
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AD-645 547
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AD-645 548
DI-82-0588
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ECOM-00032-F
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ECOM-01317-F
AD-645 305
ECOM-01412-F
AD-645 535
ECOM-01424-4
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ECOM-01788-F
AD-644 889
ECOM-02276-1
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AD-645 445
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ECOM-02463-1
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MDC-TR-66-23
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MEL-448/66
AD-645 111
MEL-8/67
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ME-20
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NAA-SR-12004
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NAMI-979
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| 20J | U67 | 05 | | | |
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| 20I | U67 | 05 | HC$ | 3.00 | MF$ 0.65 |
| 20I | U67 | 05 | HC$ | 3.00 | MF$ 0.65 |
| 4B | U67 | 05 | HC$ | 3.00 | MF$ 0.65 |
| 4B | S05 | 04 | HC$ | 3.00 | MF$ 0.65 |
| 4B | U67 | 05 | HC$ | 3.00 | |
| 4B | U67 | 05 | HC$ | 3.00 | |
| 4B | U67 | 05 | HC$ | 3.00 | |
| 4B | U67 | 05 | HC$ | 3.00 | |
| 4B | U67 | 05 | HC$ | 3.00 | |
| 17B | U67 | 05 | HC$ | 3.00 | MF$ 0.65 |
| 17B | U67 | 05 | HC$ | 3.00 | MF$ 0.65 |
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| 17B | U67 | 05 | HC$ | 3.00 | MF$ 0.65 |
| 20N | U67 | 05 | HC$ | 3.00 | MF$ 0.65 |
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| 5A | U67 | 05 | HC$ | 3.00 | MF$ 0.65 |
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| 15C | U67 | 05 | HC$ | 3.00 | MF$ 0.65 |
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| 9B | N21 | 02 | HC$ | 3.00 | MF$ 0.65 |
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| 12A | S05 | 04 | HC$ | 3.00 | MF$ 0.65 |
| 17J | U67 | 05 | HC$ | 3.00 | MF$ 0.65 |
| 17J | U67 | 05 | HC$ | 3.00 | MF$ 0.65 |
| 13H | U67 | 05 | HC$ | 3.00 | MF$ 0.65 |
| 8D | U67 | 05 | HC$ | 3.00 | MF$ 0.65 |
| 9G | U67 | 05 | HC$ | 3.00 | MF$ 0.65 |
| 4A | U67 | 05 | HC$ | 3.00 | MF$ 0.65 |
| 3C | U67 | 05 | HC$ | 3.00 | MF$ 0.65 |
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| 11F | N21 | 02 | HC$ | 3.00 | MF$ 0.65 |
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| 9A | U67 | 05 | HC$ | 3.00 | MF$ 0.65 |
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| 9I | U67 | 05 | HC$ | 3.00 | MF$ 0.65 |
| 20K | U67 | 05 | HC$ | 3.00 | MF$ 0.65 |
| 13M | U67 | 05 | HC$ | 3.00 | MF$ 0.65 |
| 11B | U67 | 05 | HC$ | 0.65 | |
| 8G | N21 | 02 | HC$ | 3.00 | MF$ 0.65 |
| 7E | N21 | 02 | HC$ | 3.00 | MF$ 0.65 |
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| 20E | U67 | 05 | HC$ | 3.00 | MF$ 0.65 |
| 14B | U67 | 05 | HC$ | 3.00 | MF$ 0.65 |
| 5J | U67 | 05 | HC$ | 3.00 | MF$ 0.65 |
| 5J | U67 | 05 | HC$ | 3.00 | MF$ 0.65 |
| 13G | S05 | 04 | HC$ | 3.00 | MF$ 0.65 |
| 1C | U67 | 05 | HC$ | 3.00 | MF$ 0.65 |
| 9B | U67 | 05 | HC$ | 3.00 | |
| 13G | S05 | 04 | HC$ | 3.00 | MF$ 0.65 |
| 13B | U67 | 05 | HC$ | 3.00 | MF$ 0.65 |
| 13B | U67 | 05 | HC$ | 3.00 | MF$ 0.65 |
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| 13B | U67 | 05 | HC$ | 3.00 | MF$ 0.65 |
| 20D | U67 | 05 | HC$ | 3.00 | |
| 21F | N21 | 02 | HC$ | 3.00 | MF$ 0.65 |
| 18I | N21 | 02 | HC$ | 3.00 | MF$ 0.65 |
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| 6B | S05 | 04 | HC$ | 3.00 | MF$ 0.65 |
| 6C | U67 | 05 | HC$ | 3.00 | MF$ 0.65 |
| 6C | U67 | 05 | HC$ | 3.00 | MF$ 0.65 |
| 6C | U67 | 05 | HC$ | 3.00 | MF$ 0.65 |
| 6C | U67 | 05 | HC$ | 3.00 | MF$ 0.65 |
| 6C | U67 | 05 | HC$ | 3.00 | MF$ 0.65 |
| 6C | U67 | 05 | HC$ | 3.00 | MF$ 0.65 |
| 6C | U67 | 05 | HC$ | 3.00 | MF$ 0.65 |
| 6C | U67 | 05 | HC$ | 3.00 | MF$ 0.65 |
| 6C | U67 | 05 | HC$ | 3.00 | MF$ 0.65 |
| 6C | U67 | 05 | HC$ | 3.00 | MF$ 0.65 |
| 6C | U67 | 05 | HC$ | 3.00 | MF$ 0.65 |
| 6C | U67 | 05 | HC$ | 3.00 | MF$ 0.65 |
| 6C | U67 | 05 | HC$ | 3.00 | MF$ 0.65 |
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| 6H | U67 | 05 | HC$ | 3.00 | MF$ 0.65 |
| 6C | U67 | 05 | HC$ | 3.00 | MF$ 0.65 |
| 6C | U67 | 05 | HC$ | 3.00 | MF$ 0.65 |
| 6C | U67 | 05 | HC$ | 3.00 | MF$ 0.65 |
| 6C | U67 | 05 | HC$ | 3.00 | MF$ 0.65 |
| 6C | U67 | 05 | HC$ | 3.00 | MF$ 0.65 |
| 6E | U67 | 05 | HC$ | 3.00 | MF$ 0.65 |
| 6C | U67 | 05 | HC$ | 3.00 | MF$ 0.65 |
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| 1/E | S05 | 04 | HC$ | 3.00 | MF$ 0.65 |
| 13H | S05 | 04 | HC$ | 3.00 | MF$ 0.65 |
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| D9C | S05 | 04 | HC$ | 3.00 | MF$ 0.65 |
| 20M | S05 | 04 | HC$ | 3.00 | MF$ 0.65 |
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AD-645 113
USCAE-105
AD-645 117
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AD-645 159
USNRDL-TRC-56
AD-645 466

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18J U67 05 HC$ 3.00 MF$ 0.65
22C U67 05 HC$ 3.00 MF$ 0.65
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6P U67 05
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13L U67 05 HC$ 3.00 MF$ 0.65

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USNRDL-TR-1099
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AD-645 104
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V66-990
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PB-173 789
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66-21
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66-27
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67-11
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13L U67 05 HC$ 3.00 MF$ 0.65
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9E U67 05 HC$ 3.00 MF$ 0.65
8Q U67 05 HC$ 3.00 MF$ 0.65
14D S05 04 HC$ 3.00 MF$ 0.65
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13I N21 02 HC$ 3.00 MF$ 0.65
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13B U67 05 HC$ 3.00 MF$ 0.65
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21E U67 05 HC$ 3.00 MF$ 0.65
1/1 U67 05 HC$ 3.00
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1C U67 05 HC$ 3.00 MF$ 0.65
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5I U67 05 HC$ 3.00 MF$ 0.65
20K U67 05 HC$ 3.00 MF$ 0.65
8P U67 05
9B U67 05 HC$ 3.00 MF$ 0.65

## ORDER FOR COUPONS

QUANTITY

MAIL THIS COMPLETED ORDER FORM TO:

FORM NBS 841
(1-67)

**Clearinghouse**
**Springfield, Virginia 22151**

PLEASE PRINT NAME, ADDRESS, AND ZIP CODE CLEARLY

____ BOOKS OF 10 COUPONS @ $30.00 PER BOOK FOR PAPER COPY (HC) DOCUMENTS.

____ SINGLE COUPONS @ $3.00 EACH FOR PAPER COPY (HC) DOCUMENTS.

____ BOOKS OF 50 COUPONS @ $32.50 PER BOOK FOR MICROFICHE (MF) DOCUMENTS.

NAME

ADDRESS

ZIP CODE

MAKE CHECKS PAYABLE TO CLEARINGHOUSE

AMOUNT: _____ CHECK: ☐ MONEY ORDER: ☐ DEPOSIT ACCOUNT NO. _____

DATE: _____ SIGNED: _____


## ORDER FOR COUPONS

QUANTITY

MAIL THIS COMPLETED ORDER FORM TO:

FORM NBS 841
(1-67)

**Clearinghouse**
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NAME

ADDRESS

ZIP CODE

MAKE CHECKS PAYABLE TO CLEARINGHOUSE

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Reno, Nev., 89502, 2028 Federal Building, 300 Booth Street. Phone: 784-5203.
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August 1966

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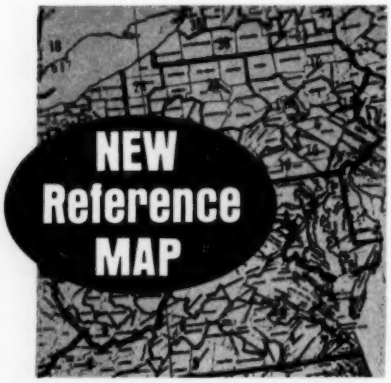


The boundaries and numbers of congressional districts for the 90th Congress (1967-1968) are shown on this colorful reference map issued by the Bureau of the Census. Printed on a single sheet (30 x 42 inches) and using a scale of 1:5,000,000, this map also shows the names and boundaries of States and counties. Of particular interest are the boundaries for districts in 24 States that redistricted for the new Congress.

This map is No. 11 in the Census Bureau series, GE-50, United States Maps. All GE-50 maps are available from the Superintendent of Documents at 50¢ each.

# Congressional Districts
## FOR THE 90th CONGRESS

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